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ECONOMIC ANALYSIS FOR DEMILITARIZATION AND DISPOSAL.(U)
JAN 78 J P WATSON

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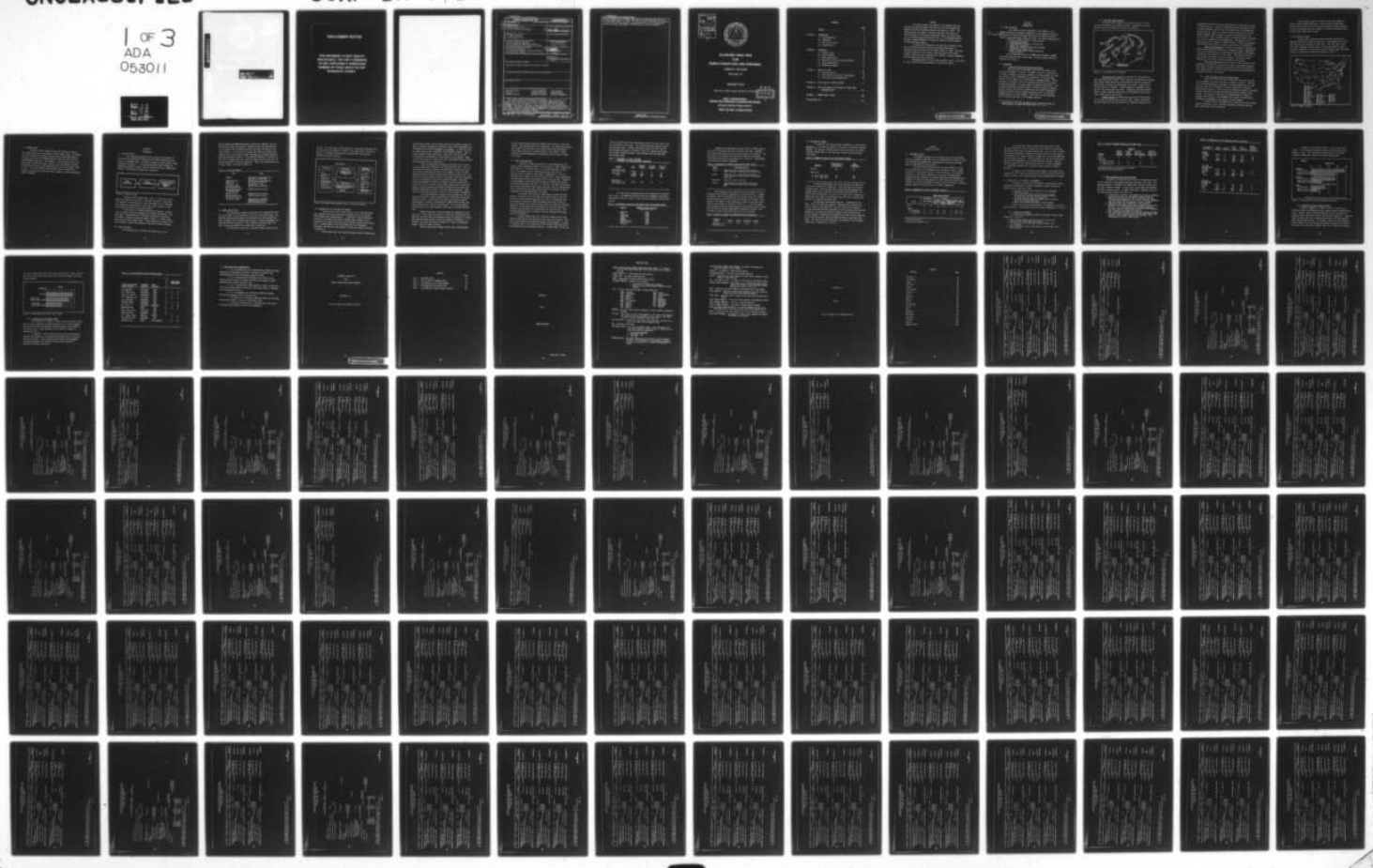

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This report presents the results of an economic study conducted by the Decision Models Directorate of the Joint Conventional Ammunition Program (JCAP-DM) during the 3rd quarter of FY77. The study provided cost-benefit information obtained from analysis of demilitarization of conventional ammunition items. The results were used by the Maintenance Directorate of the U.S. Army Armament Materiel Readiness Command (ARRCOM) for justifying funding of the FY78 demilitarization and disposal program.

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the Demilitarization and Disposal Model which is registered under the DLSIE logistics model number, LD 37255. The model provides information in the areas of demilitarization and disposal planning, demilitarization transportation planning, inventory management, and workloading and plant operations.

ECONOMIC ANALYSIS FOR DEMILITARIZATION AND DISPOSAL

JAMES P. WATSON

JCAP-DM-T713

JANUARY 1978

JOINT CONVENTIONAL
AMMUNITION PROGRAM COORDINATING GROUP

DECISION MODELS DIRECTORATE

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PREFACE

This report presents the results of an economic study conducted by the Decision Models Directorate of the Joint Conventional Ammunition Program (JCAP-DM) during the 3rd quarter of FY1977. The study provided cost-benefit information obtained from analysis of demilitarization of conventional ammunition items. The results were used by the Maintenance Directorate of the U.S. Army Armament Materiel Readiness Command (ARRCOM) for justifying funding of the FY78 demilitarization/disposal program.

To provide this information, the JCAP Decision Models Directorate utilized the Demilitarization and Disposal Model which is registered under the DLSIE Logistics Model number, LD 37255. The model provides information in the areas of demilitarization and disposal planning, demilitarization transportation planning, inventory management, and workloading and plant operations.

Acknowledgements go to Miss Connie Stoedter and Mrs. Julia Bills for their cooperation and perseverance in typing this report.

SECTION 1
INTRODUCTION

1.1 STUDY OBJECTIVES

This JCAP-DM study was undertaken at the request of the ARRCOM Maintenance Directorate, DRSAR-MA, for the purpose of providing cost-benefit information obtained from analysis of demilitarization (demil) of DoD conventional ammunition items. Of primary concern were:

- Costs-benefits of demil of items at the inventory locations;
- Costs-benefits of demil of items at the least-cost locations;
- Amount and value of storage space released by disposal of items; and
- Annual processing and storage inspection costs avoided.

This information was used by ARRCOM and forwarded to DARCOM to justify additional demil funds since a scarcity of demil funds was projected for FY78.

1.2 BACKGROUND

1.2.1 Demilitarization and Disposal Definitions.

Demilitarization and disposal (D/D) are final steps in the life cycle management of materiel. Disposal is the act of getting rid of records, documents and excess, obsolete, or surplus property by transfer, donation, sales, abandonment or destruction. Of the two terms, disposal is more general and, by definition, encompasses demil. Demilitarization is defined as the act of destroying the military offensive or defensive potential in certain types of equipment and material. This is done by mutilation, declassification, cutting, crushing, scrapping, melting, burning, incineration, demolition and alteration designed to prevent the further use of equipment and material for its originally intended military or lethal purpose. Thus, demil and the subsequent sale of scrap are two acts in the disposal process.[1]

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1. Final Report of the Joint AMC/NMC/AFLC/AFSC Commander's Panel on Disposal Ashore of Ammunition, March 1973, Vol. I of II.

1.2.2 Four Basic Demil Systems

Four basic demil systems, as depicted in Figure 1.1, are utilized by the Services at CONUS locations: deactivation furnaces, washout, open field detonation and open field burning.

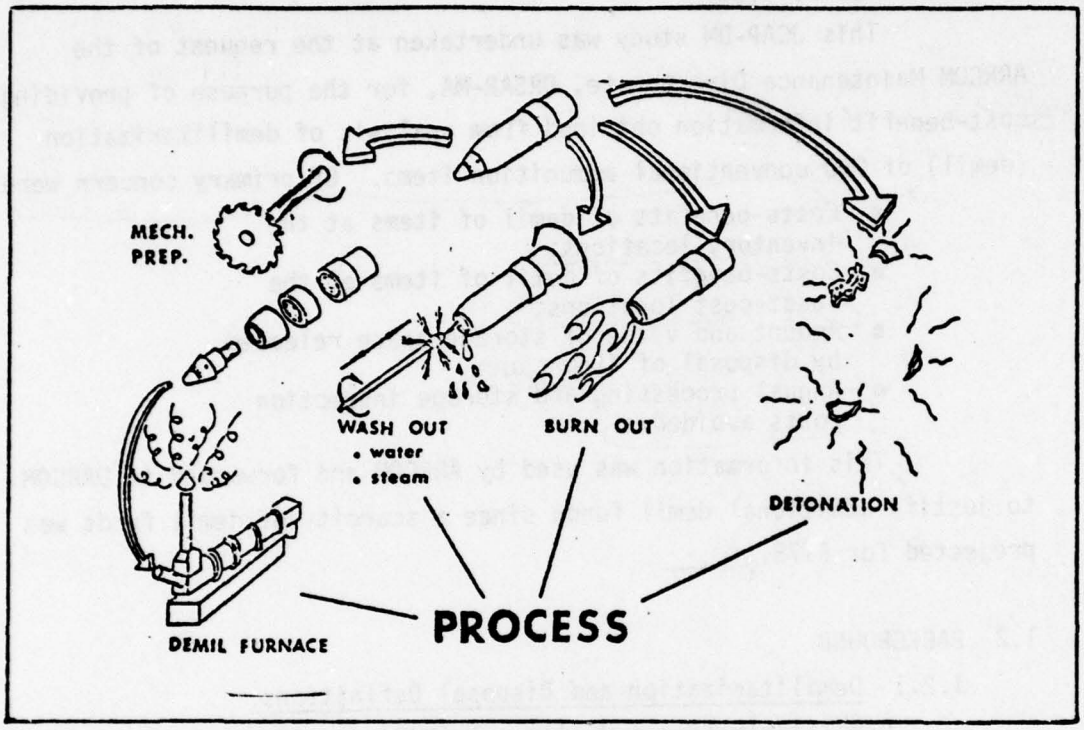

Figure 1.1 Four Basic Demil Processes

The deactivation furnace was developed for deactivation of small arms ammunition, primers, fuzes, boosters and detonators; flashing 75mm through 120mm projectiles after washout of explosive charge and deactivation of certain sectioned bombs and rockets. Items are fed into the furnace by conveyor. Furnace capacity is dependent on the type of item and conveyor feed rates. Temperature and feed rates are varied to obtain complete deactivation of the ammunition and to provide a higher quality scrap metal.

Washout systems are designed to wash out and reclaim explosive fillers and recover metal parts for reuse. Bombs, projectiles and other ammunition that are practical for washout are placed in an

upright position with the base or nose fuze well cavities over a series of waterjet nozzles. Nozzles of different diameter and angle orifices are used, depending upon the size and configuration of the ammunition being washed out. Water at a pressure of 90 to 125 psi and at a temperature between 180°F and 250°F is jetted into the opening of the filled cavity. Under a combined hydraulic and melting action, the explosive filler is washed out of the ammunition. The explosive filler is recycled to yield a reusable or saleable product. Often, the generated inert material has a market as metal scrap if reuse is not possible.

Open field detonation is used for the disposal of obsolete and deteriorated ammunition (explosives or incendiary loaded). Ammunition of very small quantities or with explosive charges which are reasonably inaccessible are disposed of in this manner. The items are placed in pits, primed, and normally covered with earth. The items are then detonated by using either electrical methods or time fuzes.

Open field burning operations consist of open burning of scrap propellants, pyrotechnics, explosives and other unserviceable combustibile materials common to ammunition operations and related activities. Also, some explosive items that cannot be washed out are burned out providing the explosive is accessible.

1.2.3 Demil Equipment and Service Interactions.

Within each of the four basic techniques, there are variations in the equipment and methods utilized to accomplish disposal. The Army has a standardized system of equipment for furnace deactivation of small explosive items and the washout of artillery projectiles, bombs and other explosive devices. These furnaces and washout equipment are provided to Army installations through the Ammunition Peculiar Equipment (APE) program. This program is managed by the ARRCOM Ammunition Center at Savanna and provides for the development and testing of demil/disposal techniques and equipment at the Savanna and Tooele Depots.

The Navy utilizes both deactivation furnaces and washout systems similar to the Army. Some of the Navy equipment is obtained from the Army, while some is their own design.

The Air Force relies on the Army and Navy for disposal of excess or unserviceable ammunition. Small burning and demolition grounds can be found at Air Force activities having a need to dispose of locally generated materials; however, no significant disposal capability exists within the Air Force.

1.3 TWO LEVELS OF DEMIL

On one level, production rejects and small quantities of obsolete field service stock are demilled at Army Arsenals and Plants. This level was not addressed in this study. The other level, which this study addressed, involves demil of large quantities of excess, obsolete, unrepairable field service stock at the Army depots and Naval stations (as opposed to Arsenals and Plants), Figure 1.2.

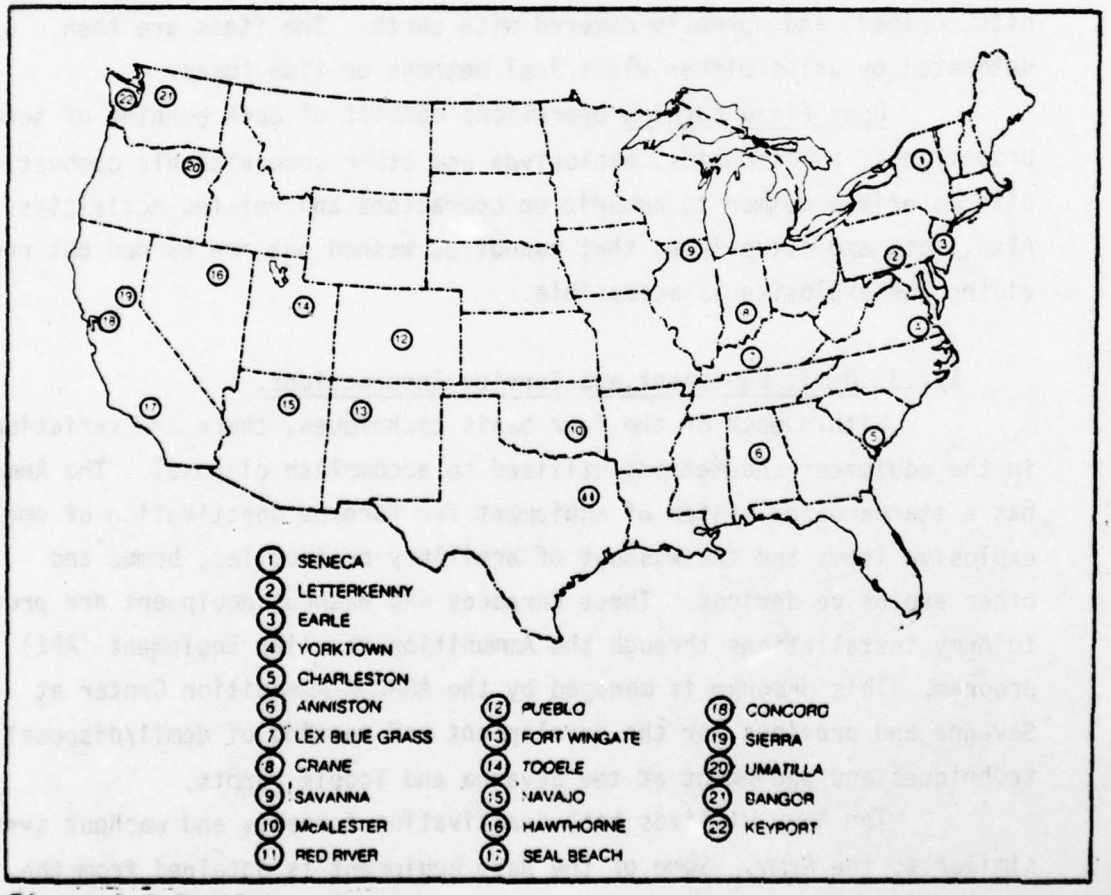

Figure 1.2 Demil Locations

1.4 FUNDING DETAIL

Funding for demil normally takes place through a revolving fund system controlled by the Defense Logistic Agency (DLA). Accounting-wise, DLA receives the receipts from the sales of reclaimed materials. In theory, the value of reclaimed material covers the cost of future demil/disposal operations. This, however, is not always the case, and future demil activity received a setback in the 2nd quarter FY77 when DLA notified the Services that there would be a scarcity of demil funds for FY78. That announcenment initiated this study to determine if economic justification existed which would support a case for additional funds from DARCOM.

SECTION 2

METHODOLOGY

2.1 SCOPE OF STUDY

This study addressed the demilitarization and disposal of the bulk of the conventional ammunition end items designated for disposal as of December 1976. The study followed the broad, general steps indicated in Figure 2.1. This section describes the rationale and methodology applied in Step 1, Data Collection and Step 2, Model Applications. The results are summarized in Section 3.

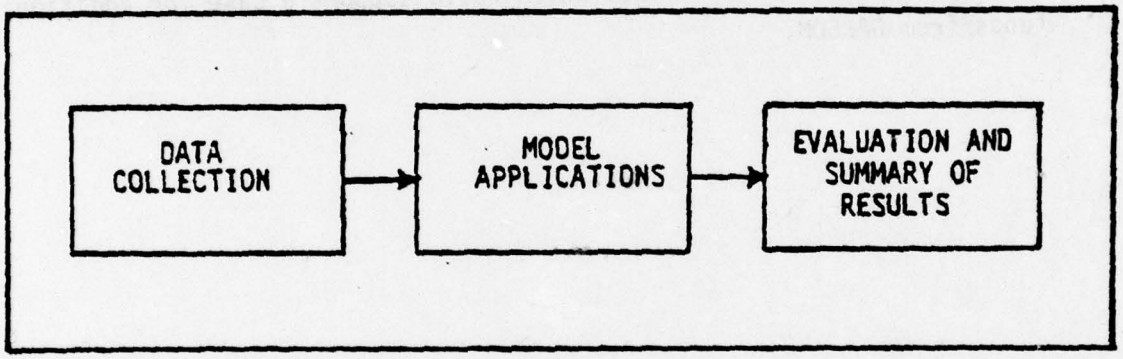

Figure 2.1 Steps of Study

Only the "high tonnage items", that is, items with a total weight of 80,000 lbs or more at a site were considered in the study. This enabled a large proportion of the cost-benefits to be addressed with minimum evaluation effort, since only a small number of items constituted more than half the total tonnage.

In particular, the demilitarization and disposal inventory items on hand at the end of December 1976 weighed 150,000 tons. This consisted of approximately 2217 different conventional ammunition end items in storage at twenty-two CONUS locations. Of these items, only 273 were "high tonnage items". These comprised 12 percent of the total number of items and 90 percent of the total inventory tonnage.

2.2 DATA COLLECTION

The determination of the data requirements was a joint

effort between the ARRCOM Maintenance Directorate, DRSAR-MA, and the JCAP Decision Models Directorate. DRSAR-MA desired the determination of two indirect cost avoidances which had not been considered in previous studies: (1) the value of storage space that was released upon disposal and (2) the value of annual processing and storage inspection which was avoided by disposal. This required additional input data for the cost of storage space, the average storage density and the cost of annual processing and storage inspection. These, plus the baseline set of model inputs, are shown in Table 2.1.

TABLE 2.1 DATA AND SOURCES

DATA	SOURCE
Inventory	JCAP Demilitarization/Disposal Handbook Volume I, December 1976
Processing Costs and Capabilities	JCAP Demilitarization/Disposal Handbook Volume II, November 1975
Transportation Cost	Demil/Disposal Task Group
Cost of Storage Space ($31.90 per square foot)	ARRCOM Maintenance Directorate
Cost of Annual Processing and Storage Inspection ($12.67 per ton)	ARRCOM Maintenance Directorate
Reclamation Values	ARRCOM Maintenance Directorate
Average Storage Density (7.8 square foot per ton)	ARRCOM Maintenance Directorate
Mileage between Depots	Final Report of Joint AMC/NMC/AFLC/AFSC Commander's Panel on Disposal Ashore of Ammunition, March 1973, Volume II of II

2.3 MODEL APPLICATIONS

The JCAP Decision Models Directorate first assembled the data and transformed it to the appropriate form for model applications. The Demilitarization/Disposal Model was then applied to provide demil/disposal planning, demil transportation planning, inventory management and workload planning information. This information detailed where, how much, and by what method(s) the items could be demilled.

As indicated in Figure 2.2, two major types of analysis were

applied. The first type, "On-Site Analysis", restricted item demilitarization to the item inventory locations. The second type, "Least-Cost Analysis", permitted transportation to other demil locations and obtained an optimal solution.

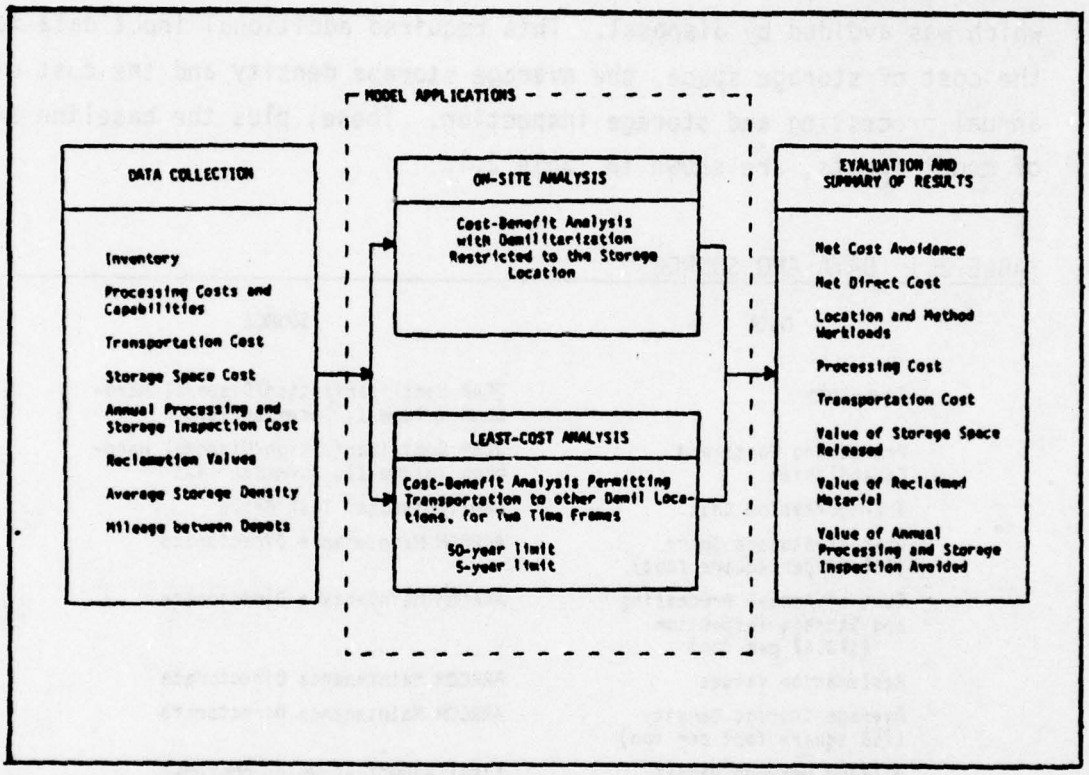

Figure 2.2 Expanded Flow Diagram Showing Alternative Analyses

2.4 DISCUSSION OF THE TWO ANALYSIS METHODS

The objective of the on-site analysis was to provide management information on the various demil processing costs and indicate the different demil method options. In addition, it also provided an estimate of the amount and value of storage space released, and an estimate of the annual costs incurred for storage inspection and processing. A COBOL program, utilizing conventional file processing techniques, was used for this analysis; the detailed results are shown in Appendix A.

On the other hand, the least-cost analysis which allowed trans-

portation of an item from its storage location to another location for demil, utilized a mathematical technique called linear programming (LP) to determine the least-cost methods and locations. To reach this step, all input data was first edited by a data conversion module. Then, a matrix generator module generated an input data file and a matrix structure that incorporated all relationships in the problem. These, in turn, were input to a commercial linear programming software package which processed the main computations.

Linear programming was designed to analyze various alternatives and choose the alternative that minimized total cost. Thus, all items were collectively analyzed; the depot demil capabilities, processing costs, transportation costs, and reclamation values for each item were optimally chosen to minimize the total net direct cost. Net direct cost was the cost minimized for each item; the sum of processing cost plus transportation cost minus reclamation value. These were direct costs-benefits of demil as opposed to the two indirect cost avoidances, (1) the value of storage space released and (2) the elimination of annual processing and storage inspection costs, which were realized independently of where or how the item was demilled. These results are further explained in Section 3 and are shown in Appendix B.

The primary difference between the two analyses was that the least-cost analysis allowed transportation of items while the on-site analysis did not. In many cases, the least-cost solution involved transportation. However, transportation of demil items to other locations seldom occurs in day-to-day operations. Thus, by considering both approaches, the study provided a wide range of planning information.

Another difference, further discussed in paragraph 2.5, was the use of a time frame within which all items were constrained to be demilled. No time limit was imposed on the on-site analysis; all items were demilled without regard to the time needed for completion. In contrast, the least-cost analysis required all items to be demilled within a specific number of years.

The next sub-section presents several other considerations

and the reasons behind these which affected the direction of the methodology. The following topics are considered: the relationship between demil capabilities and time, the rationale behind the two different time frames, the effect of incomplete data on the number of items analyzed, and the methodology and assumptions used to obtain reclamation values.

2.5 OTHER CONSIDERATIONS

The time for demil processing of an item depends upon the type of item, the method of demil, and the location. Demil capabilities were based on a 1-8-5 shift rate, i.e., one 8-hr shift/day, 5 days/week. For example, during a five-day work week with one 8-hr shift per day an average of 1000 rounds of ammunition "x" could be demilled in the furnace at site A during each shift. These capabilities differed among locations and methods even for the same item. Therefore, it was possible to vary the processing time or workload by changing the demil method and/or location. To show this, two least-cost analysis runs, using two different time frames, were made; one run required demil of all items within fifty years and the other run required all demil processing to be completed within five years.

The 50-year time frame was established to achieve the same effect as having no time limit since the results showed no facility acquired a workload which approached fifty years of processing time. This approach allowed the linear programming algorithm to seek out least-cost methods and locations and to allocate to these an "unlimited workload". On the other hand, the 5-year time limit was chosen as a standard planning period for complete demil of current assets. The resulting workloads and the effects of the two different time frames are given in Section 3.

Another consideration was to achieve a common set of study items for both the on-site analysis and the least-cost analysis. This would allow comparative evaluations between the two analyses. In order to accomplish this, it was necessary to omit certain items that could not be demilled at the inventory location. In other words, if the item

required transportation from the storage location for demil then it was not considered in this study. This assured that both analyses considered the same items. Complete data was available on 252 of the 273 high-tonnage items which, as shown in Table 2.2, comprised 59 percent of the total inventory tonnage. Both analyses used only these 252 high-tonnage items.

TABLE 2.2 BREAKDOWN OF STUDY INVENTORY
(DECEMBER 1976 DEMIL/DISPOSAL INVENTORY)

CATEGORY	TONS	NUMBER OF ITEMS	% OF TOTAL TONNAGE	% OF TOTAL ITEMS
High Tonnage Items (80,000 lbs & over)	136,000	273	91	12
Other Items	14,000	1944	9	88
Total	150,000	2217	100	100
Study Items (Complete data on high tonnage items)	88,826	252	59	11

The concluding consideration was the determination of reclamation values. The ARRCOM Maintenance Directorate, DRSAR-MA, identified nine materials shown in Table 2.3 that could be recovered from the demil process.

TABLE 2.3 RECOVERABLE MATERIALS AND MARKET PRICE PER SALVABLE POUND

Material	Numbers in Dollars per Pound Price (April 1977)
Propellant	0.015
Brass	0.480
Light Steel	0.014
Mixed Metal	0.150
Copper	0.150
Aluminum	0.180
Projectile Steel	0.018
Rotating Band	0.510
Explosive	0.240

DRSAR-MA then estimated the pounds of each of these materials that could be recovered from each of the 252 study items. DRSAR-MA also provided the market price per salvable pound of the material. The Demil Model then calculated the reclamation value for each method and for each item based on the assumptions in Table 2.4. These assumptions were also provided by DRSAR-MA.

TABLE 2.4 ASSUMPTIONS OF MATERIAL RECLAIMED BY DEMIL METHOD

Method	Reclaimable Material
Furnace	Propellant • Brass • Light Steel • Mixed Metal • Copper • Aluminum • Projectile Steel • Rotating Band
Washout	Propellant • Brass • Light Steel • Mixed Metal • Copper • Aluminum • Projectile Steel • Rotating Band • Explosive
Detonation	Propellant • Brass • Light Steel
Burning	Propellant • Brass • Light Steel • Mixed Metal • Copper • Aluminum • Projectile Steel • Rotating Band

The reclamation values obtained by using the above data and assumptions may be better understood by a sample calculation. Suppose for example, item "x" had propellant (9.6 lbs/rd), brass (2.9 lbs/rd), projectile steel (46.25 lbs/rd) and rotating band (1.5 lbs/rd). Using the price from Table 2.3, the reclamation values per pound were calculated for each method as indicated in Table 2.5. It should be noted that the market price per salvable pound of the materials was an average price and did not consider geographical differences; therefore, the reclamation values could differ from one locale to another.

TABLE 2.5 RESULTS OF EXAMPLE OF RECLAMATION VALUE METHODOLOGY

Processing Method	Furnace	Washout	Detonating	Burning
Reclamation Value per round	$3.13	$3.13	$1.54	$3.13

2.6 METHODOLOGY SUMMARY

To summarize, the study provided information on two planning approaches to the demilitarization of 59 percent of the total inventory tonnage. One approach considered demil only on-site while the other approach allowed demil at the least-cost location and by the least-cost method.

TABLE 2.6 SUMMARY OF ANALYSES AND CONSTRAINTS IMPOSED

ANALYSIS	TRANSPORTATION CONSTRAINT	TIME CONSTRAINT
On-Site	Yes	No
Least Cost		
• 50-Yr Time Limit	No	Yes
• 5-Yr Time Limit	No	Yes

Of the two approaches, the on-site analysis was made first to provide a baseline for comparison. Then, two least-cost analysis runs were made. The first had a 50-yr time limit and assessed the savings that could be realized by using lower cost facilities. The second least-cost analysis run, with a 5-yr time limit, in addition to determining the effects of using lower cost facilities, assessed the effects of a constraining time frame.

The two major constraints used were - transportation and time. The on-site analysis imposed a transportation constraint but did not impose a time constraint, thus all items at the inventory location were demilled there regardless of the processing time required. Conversely, the least-cost analysis imposed a time constraint but did not impose a transportation constraint thus items could be demilled at any location but all items were demilled within a specified time frame. The results of these approaches are provided in the following section and in Appendices A, B, and C.

SECTION 3
RESULTS OF STUDY

3.1 PRINCIPAL RESULTS

The primary finding of this study was that the cost savings and cost avoidances associated with the transportation of items to least-cost locations and methods far outweighed the savings realized when demil was performed strictly on-site.

The significant finding from the on-site analysis was that direct processing costs outweighed direct reclamation values, thereby resulting in a net direct cost of 1.3 million dollars. As indicated in Table 3.1, the indirect benefits of the value of storage space released and the elimination of storage inspection and processing costs combined to provide indirect benefits of over 23 million dollars and resulted in a net cost avoidance of nearly 22 million dollars. Detailed computer output for the on-site run is found in Appendix A.

TABLE 3.1 COMPARISON OF STUDY COST-BENEFIT RESULTS

NUMBERS IN MILLIONS OF DOLLARS

ANALYSIS	COSTS (DIRECT)		BENEFITS			NET DIRECT COST[1]	NET COST AVOIDANCE[2]
			DIRECT	INDIRECT			
	PROCESS	TRANSPORTATION	Reclamation Value	Value of Storage Space Released	Storage Inspection and Processing Cost Avoided		
ON-SITE	16.1	0.0	14.8	22.1	1.1	1.3	21.9
LEAST-COST							
• 50 - YEAR TIME LIMIT	5.0	2.2	15.8	22.4	1.1	-0.6	32.1
• 6 - YEAR TIME LIMIT	5.0	2.2	15.8	22.4	1.1	-0.6	32.1

[1] Direct costs minus direct benefits.

[2] All benefits (direct and indirect) minus all costs.

The significant finding from the least-cost analysis runs was that transporting items to least-cost sites resulted in processing costs being three times less than those on-site. This, in turn, resulted in a net cost avoidance in excess of 32 million dollars for both least-cost analysis runs. Again, the bulk of these cost savings was identified with the indirect benefits. Indirect benefits of over 23 million dollars were realized independently of the demil/disposal location. Detailed computer output for both least-cost analysis runs is found in Appendix B. Summarized information by location for both analyses is found in Appendix C.

In summary, the difference of approximately 10 million dollars between the on-site analysis and least-cost analysis was primarily attributable to process cost savings obtainable when transportation is allowed.

3.2 OTHER RESULTS OF INTEREST TO MANAGEMENT

In addition to the overall cost-benefit results above, several significant observations of general management interest resulted, as summarized by the questions below:

- How many locations were impacted by cost avoidances and direct costs?
- Which locations account for the bulk of the demil processing and how much transfer actually occurred for them under the least-cost analysis?
- How much time was needed to complete demil processing under the different analyses?
- Which item provided the greatest direct payback?

Further discussion of these questions is presented in the next four subsections. The detailed results are given in Appendixes A, B, and C.

3.2.1 Location Cost Impacts

The following cost-benefit effects on the demil locations were identified in Table 3.2:

- more locations showed a net direct cost in the on-site analysis than in the least-cost analysis
- all locations in the least-cost analysis showed a net cost avoidance
- three locations in the on-site analysis did not show a net cost avoidance

TABLE 3.2 OVERALL ECONOMIC EFFECTS ON THE DEMIL BASE

ANALYSIS	NUMBER OF CANDIDATE DEMIL LOCATIONS	SELECTED DEMIL LOCATIONS	LOCATIONS WITH A NET COST AVOIDANCE[1]	LOCATIONS WITH A NET DIRECT COST[2]
ON-SITE	19	19	16	12
LEAST-COST				
• 50-YEAR TIME LIMIT	22	17	17	3
• 5-YEAR TIME LIMIT	22	17	17	3

[1]All benefits(direct and indirect) minus all costs.
[2]Direct costs minus direct benefits.

3.2.2 Main Locations and Transfer Effects

The majority of items and the bulk of the tonnage were stored at the three Navy inland depots; Hawthorne, McAlester, and Crane. The reported tonnage for December 1976 showed these locations stored 63% of the total inventory tonnage. In this study, these depots stored 92% of the total tonnage analyzed. Of these three depots, Hawthorne stood out for the following reasons (see Table 3.3):

- In the on-site analysis, the 38,000 tons stored at Hawthorne were almost as much as the combined tonnage stored at McAlester and Crane yet its total processing costs were less than either McAlester's or Crane's. Further, Hawthorne required fewer shifts to complete its demil workload.
- Under both least-cost allocations of the workload, Hawthorne again demonstrated lower average processing costs per ton. It is also noted that the average processing costs per ton were significantly reduced for both McAlester and Crane under the least-cost analysis.
- Also, under both least-cost runs the total processing costs for these three facilities were reduced approximately 600% despite a total tonnage reduction of only 30%. This translated to a 20 to 1 cost savings!

TABLE 3.3 COMPARISON OF THE THREE MAIN DEMIL LOCATIONS

TYPE OF ANALYSIS AND LOCATION	TONNAGE DEMILLED	% OF TOTAL TONNAGE	TOTAL SHIFTS REQUIRED	TOTAL PROCESSING COST ($X10^3$)	AVERAGE PROCESSING COST PER TON (DOLLARS)
ON-SITE					
HAWTHORNE	38,186	43	3464	3430	90
McALESTER	27,281	31	4602	6190	227
CRANE	16,144	18	3978	4196	260
Totals	81,611	92	12044	13816	
LEAST-COST 30-YR TIME LIMIT					
HAWTHORNE	29,773	33	2009	949	32
McALESTER	12,553	14	712	459	37
CRANE	9,178	10	3553	1005	110
Totals	51,504	57	6274	2413	
LEAST-COST 5-YR TIME LIMIT					
HAWTHORNE	29,773	33	2009	949	32
McALESTER	12,553	14	712	459	37
CRANE	9,108	10	2992	863	95
Totals	51,434	57	5713	2271	

In regard to the transfer effects, it can be seen from Figure 3.1 that Hawthorne had more incoming tonnage than either McAlester or Crane. Also, Hawthorne retained more of its on-site inventory tonnage than either of the other two locations.

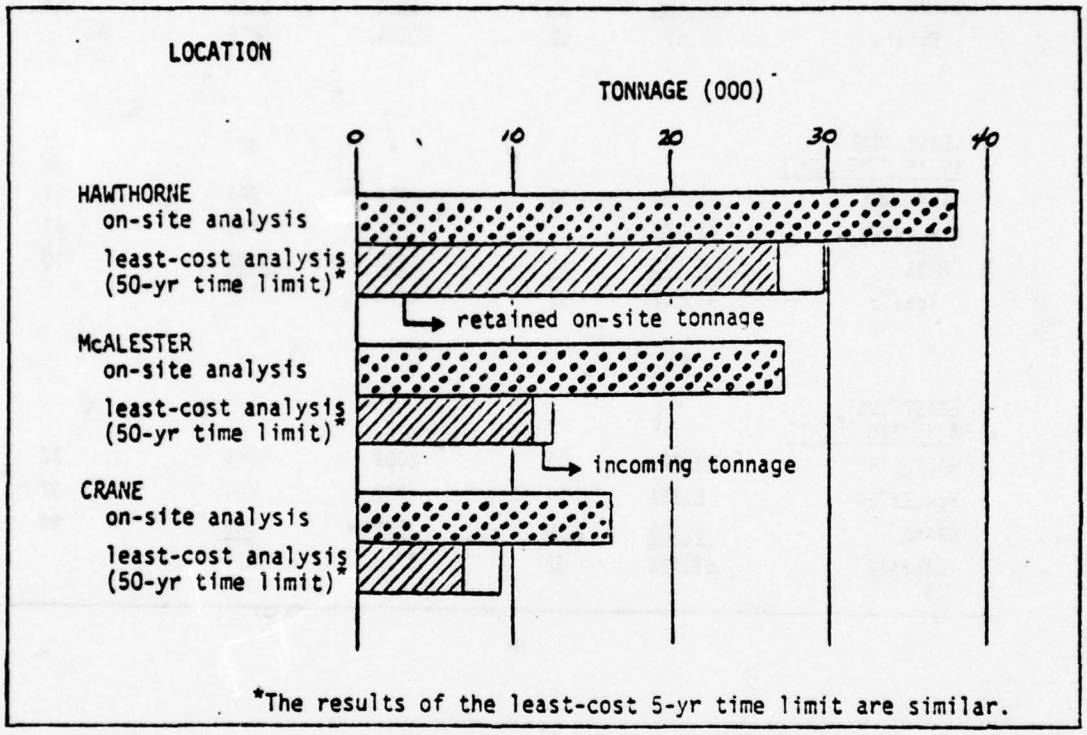

Figure 3.1 Tonnage Effects of the Three Main Locations

3.2.3 Comparative Times to Complete Demil

As shown in Appendix C, Tables C.4 and C.5, most of the locations, under the different analyses, demilled their workload within a year. However, several locations required three or more years to accomplish demil when using the most cost-effective method(s). Figure 3.2 shows the upper time limit in demil workload years that was required under the different analyses. For example, under the on-site analysis, Crane's washout facility acquired the greatest workload; over 8 years. The figure also shows that the upper time limit of the on-site analysis

was a year longer than that of the least-cost analysis. Thus, not only were the cost-savings greater when using least-cost methods, but they occurred sooner!

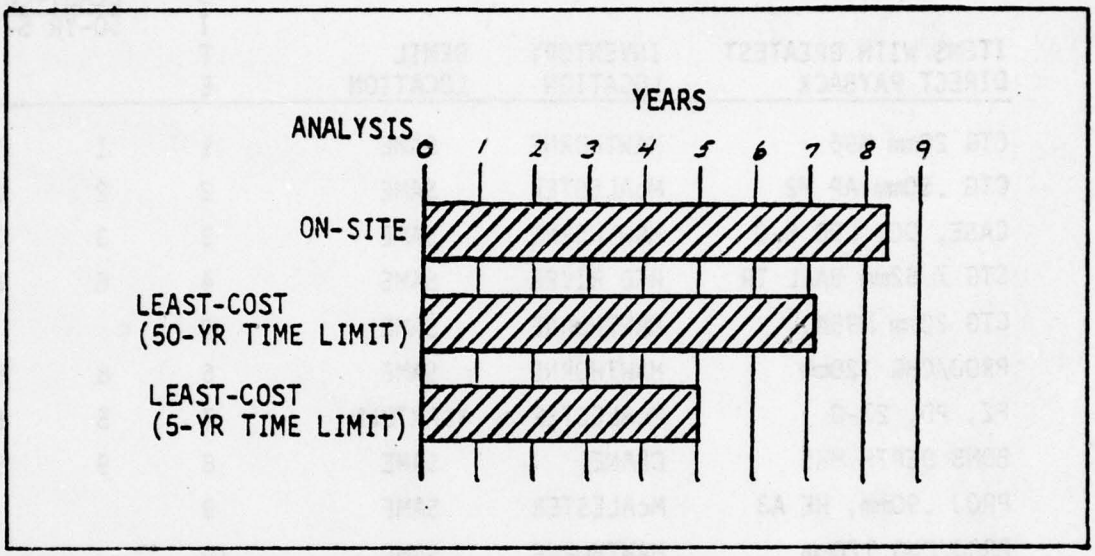

Figure 3.2 Time Required to Demil Total Tonnage

3.2.4 Greatest, Direct Payback Items

The following list Table 3.4, shows the top ten items in each analysis which indicated the greatest potential for a direct payback. These items provided the greatest difference between direct benefits and direct costs. A more complete list of items is included in Appendices A and B.

In addition to the following ranking, the on-site analysis contains two rankings; (1) by square feet released, and (2) by total net cost avoidance. These rankings provide some of the management information needed by the storage and distribution managers to establish item demil priorities.

TABLE 3.4 LIST OF GREATEST DIRECT PAYBACK ITEMS

ITEMS WITH GREATEST DIRECT PAYBACK	INVENTORY LOCATION	DEMIL LOCATION	ONSITE	LEAST-COST 50-YR	LEAST-COST 5-YR
CTG 20mm M96	HAWTHORNE	SAME	1	1	1
CTG .50mm AP M2	McALESTER	SAME	2	2	2
CASE, DC, LDD 8-0	HAWTHORNE	SAME	3	3	3
CTG 7.62mm BALL TR	RED RIVER	SAME	4	6	6
CTG 20mm M95A1	HAWTHORNE	SAME	5		
PROJ/CHG 120mm	HAWTHORNE	SAME	6	8	8
FZ, PD, 27-0	McALESTER	YORKTOWN	7	5	5
BOMB DEPTH MK5	CRANE	SAME	8	9	9
PROJ .90mm, HE A3	McALESTER	SAME	9		
PROJ/CHG 120mm	HAWTHORNE	SAME	10		
CTG 7.62mm, 4-BALL	UMATILLA	KEYPORT		4	4
CTG 20mm AP-T M95	HAWTHORNE	SAME		7	7
PROJECTILE AND	CRANE	LEX-BLUEGRASS		10	10

3.3 CONCLUSIONS AND RECOMMENDATIONS

- It is concluded that this JCAP-DM study achieved the study objectives by identifying cost-benfit information related to the demilitarization of DoD conventional ammunition items.

- It is concluded that substantial cost savings can be realized by the release of storage space and the avoidance of annual processing and storage inspection costs.

- It is concluded that transportation of items to least-cost locations provides greater cost-benefits than restricting all inventory to on-site demilitarization.

- It is recommended that JCAP-DM and ARRCOM Maintenance Directorate management jointly consider plans:

1. To analyze the cost-benefits when outloading and receiving charges are included as costs of transporting items.

2. To develop information on a recurring basis from which a formalized demil/disposal plan could be implemented.

ECONOMIC ANALYSIS
FOR
DEMILITARIZATION AND DISPOSAL

APPENDIX A

ON-SITE ANALYSIS DETAILED OUTPUT

CONTENTS

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APPENDIX A

PART 1

TERMS AND CODES

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TERMS AND CODES

ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED - an indirect realized upon demilitarization of an item; used a cost of $12.67 per ton.

DIRECT BENEFITS - the Reclamation Value received.

DIRECT COST - the demil Processing Cost.

DODIC - Department of Defense Identification Code.

INDIRECT BENEFITS - refers to two benefits:

1. the Value of Storage Space Released
2. Annual Processing and Storage Inspection Costs Avoided

LOC - location (the location name is listed below LOC)

BAD - Anniston	B4D - Seneca
BKD - Letterkenny	B47 - Lex-Bluegrass
BPD - Pueblo	P64 - Crane
BRD - Red River	P65 - Earle
BTD - Tooele	P67 - Hawthorne
BØ8 - Fort Wingate	P68 - McAlester
B12 - Savanna	P71 - Seal Beach
B2D - Sierra	P72 - Yorktown
B21 - Umatilla	P73 - Keyport
B22 - Navajo	

METHODS - the four demil/disposal processes; furnace, washout, detonation burning.

NET COST - the Total Cost minus Total Benefit. This term is the opposite of the term "net cost avoidance" which is used in the report and means the total Benefits minus Total Cost.

NET DIRECT COST - the Direct Costs minus Direct Benefits; the demil processing cost minus the reclamation value.

NSN - national stock number.

PREFERRED METHOD - the least-cost demil method. This term begins the last line of data for each item and, in addition, provides the following information:

a. "8-HR SHIFTS REQUIRED"
b. NET DIRECT COST
c. NET COST

PROCESSING COST - the demil processing cost (dollars) of the inventory quantity. This is given for each method, if there is no cost data available for a method "NO CAPABILITY" is stated.

PROCESSING AND STORAGE COST AVOIDED - see Annual Processing and Storage Inspection Costs Avoided.

QUANTITY - the number of items awaiting demil.

RECLAMATION VALUE - the value of reclaimed materials.

SHIFTS - identifies the total number of 8 hour shifts required by each method at each location.

SRV - the owning service: A, Army; F, Air Force; M, Marines; N, Navy.

STORAGE SPACE RELEASED - the space (sq. ft.) released by demilitarization of the item(s); used an average storage density of 7.8 sq. ft. per ton.

TONS - identifies the total number of tons demilled by each method.

TOTAL BENEFITS - the sum of Total Direct Benefits plus Total Indirect Benefits realized from demilitarization.

TOTAL COSTS - the total demil processing cost realized from demilitarization.

TOTAL DIRECT BENEFITS - the sum of Direct Benefits (reclamation values).

TOTAL INDIRECT BENEFITS - the sum of Indirect Benefits.

VALUE OF SPACE RELEASED - see Value of Storage Space Released.

VALUE OF STORAGE SPACE RELEASED - an indirect benefit realized upon demilitarization of an item; used a value of $31.90 per sq. ft.

WEIGHT - identifies the total weight (lbs) of the inventory quantity.

8-HR SHIFTS REQUIRED - the number of 8-hour shifts required for demilitarization of an item(s).

APPENDIX A

PART 2

ON-SITE ANALYSIS PROGRAM OUTPUT

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LOCATION	PAGE
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ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC ASSIGN	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1305000264551 A765 CTG,20MM M95A1	BAD	208635	165800	A			PROCESSING COST ($)	
INDIRECT BENEFITS					70,557.87	NO CAPABILITY	14,389.52	25,323.05
VALUE OF STORAGE SPACE RELEASED		$20,627.19						
PROCESSING AND STORAGE COST AVOIDED		$1,050.34					RECLAMATION VALUE ($)	
TOTAL INDIRECT BENEFITS		$21,677.52			48,354.63		NONE	NONE
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	646.62 SQ. FT.				+22,303.24		+14,389.52	+25,323.05
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =		15.81, NET DIRECT COST =			+14,389.52, NET COST =			-7,288.00
***								
1320000284979 0541 CHG PROP 155MM	BAD	4375	133400	A			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	7,963.20
VALUE OF STORAGE SPACE RELEASED		$16,596.27						
PROCESSING AND STORAGE COST AVOIDED		$345.09					RECLAMATION VALUE ($)	
TOTAL INDIRECT BENEFITS		$17,441.38						612.50
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	520.26 SQ. FT.							+7,350.70
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =		8.75, NET DIRECT COST =			+7,350.70, NET COST =			-10,090.68
***								
1365009359292 4771 RIDT CTL AGT	BAD	445280	445200	A			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	607,860.63
VALUE OF STORAGE SPACE RELEASED		$55,357.33						
PROCESSING AND STORAGE COST AVOIDED		$2,320.34					RECLAMATION VALUE ($)	
TOTAL INDIRECT BENEFITS		$59,237.67						NONE
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	1,736.28 SQ. FT.							+607,860.63
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =		890.56, NET DIRECT COST =			+607,860.63, NET COST =			+549,652.96
***								

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC ANNISTON	QUANTITY (EA)	WEIGHT SRV (LBS)	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1375000285206	M431	CHG DEMO LINEAR	BAD	2339	132600 A			PROCESSING COST ($)	
INDIRECT BENEFITS						NO CAPABILITY	NO CAPABILITY	7,395.12	2,898.91
VALUE OF STORAGE SPACE RELEASED				$16,496.77					
PROCESSING AND STORAGE COST AVOIDED				$840.02				RECLAMATION VALUE ($)	
								1,371.26	1,371.24
TOTAL INDIRECT BENEFITS				$17,336.79					
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED:		517.14 SQ. FT.						+6,013.86	+1,527.67

PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 3.19, NET DIRECT COST = +1,527.67, NET COST = -15,809.12

***

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

TOTALS FOR ANNISTON (BAD)

NUMBER OF ITEMS 4

WEIGHT OF ITEMS FOR DEMIL (TONS) = 438.5

NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 918.31

STORAGE SPACE RELEASED = 3,420.30 SQ. FT.

COST			
DIRECT COST-PROCESSING	533,112.26		
TOTAL COSTS			533,112.26
BENEFITS			
DIRECT			
RECLAMATION VALUE	1,983.74		
NET DIRECT COST	+531,128.52		
TOTAL DIRECT BENEFITS		1,983.74	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	109,107.57		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	5,555.79		
TOTAL INDIRECT BENEFITS		114,663.36	
TOTAL BENEFITS			116,647.10
NET COST			+516,465.16

METHOD	SHIFTS	TONS
FURNACE	0.00	0.0
WASHOUT	0.00	0.0
DETONATION	15.81	82.9
BURNING	902.50	355.6

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC LETTERKENNY	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
							FURNACE	WASHOUT	DETONATION	BURNING
130500		4533 CTG CAL 50 API MB LK	BKD	3808440	1378200	A			PROCESSING COST ($)	
INDIRECT BENEFITS							59,525.92	NO CAPABILITY	896,278.27	507,893.56
VALUE OF STORAGE SPACE RELEASED				$171,451.86						
PROCESSING AND STORAGE COST AVOIDED				$8,730.90					RECLAMATION VALUE ($)	
				**********			276,111.90		NONE	NONE
TOTAL INDIRECT BENEFITS				$180,182.76						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		5,374.98 SQ. FT.					-215,585.98		+896,278.27	+507,893.56
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				29.75, NET DIRECT COST =			-216,585.98, NET COST =			-396,778.74
***										
133000		5970 GREN RIFLE HT M31 W/	BKD	12542	98800	A			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	24,793.24	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$12,291.71						
PROCESSING AND STORAGE COST AVOIDED				$525.90					RECLAMATION VALUE ($)	
				**********					NONE	
TOTAL INDIRECT BENEFITS				$12,917.61						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		385.32 SQ. FT.							+24,793.24	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =				23.24, NET DIRECT COST =			+24,793.24, NET COST =			+11,875.63
***										
134500		4180 MINE AT M15 HT HVY	BKD	11040	549800	A			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	52,581.97	108,256.92	42,675.23
VALUE OF STORAGE SPACE RELEASED				$58,400.62						
PROCESSING AND STORAGE COST AVOIDED				$3,432.98					RECLAMATION VALUE ($)	
				**********				NONE	NONE	NONE
TOTAL INDIRECT BENEFITS				$71,383.60						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		2,144.22 SQ. FT.						+52,581.97	+108,256.92	+42,675.23
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				32.00, NET DIRECT COST =			+42,675.23, NET COST =			-29,208.37
***										

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

TOTALS FOR LETTERKENNY (BKO)

NUMBER OF ITEMS 3

WEIGHT OF ITEMS FOR DEMIL (TONS) = 1,013.4

NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 84.99

STORAGE SPACE RELEASED = 7,904.52 SQ. FT.

COST			
DIRECT COST-PROCESSING	126,994.39		
TOTAL COSTS			126,994.39
BENEFITS			
DIRECT			
RECLAMATION VALUE	276,111.90		
NET DIRECT COST	-149,117.51		
TOTAL DIRECT BENEFITS		276,111.90	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	252,154.19		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	12,839.78		
TOTAL INDIRECT BENEFITS		264,993.97	
TOTAL BENEFITS			541,105.87
NET COST			-414,111.48

METHOD	SHIFTS	TONS
FURNACE	29.75	689.1
WASHOUT	0.00	0.0
DETONATION	23.24	49.4
BURNING	32.00	274.9

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT SRV* (LBS)	*	METHODS			
			PUEBLO			*	FURNACE	WASHOUT	DETONATION	BURNING
1345000285118	K180	MINE AT M15	RPD	1550	91000 F				PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	8,525.08	2,587.52	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$11,321.31						
PROCESSING AND STORAGE COST AVOIDED				$576.49					RECLAMATION VALUE ($)	
				**********				NONE	NONE	
TOTAL INDIRECT BENEFITS				$11,897.80						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;			354.90 SQ. FT.					+8,625.08	+2,587.52	

PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 3.32, NET DIRECT COST = +2,587.52, NET COST = -9,310.28

***

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
50,000 LBS - OVER

TOTALS FOR PUEB_D (SPD)

NUMBER OF ITEMS 1

WEIGHT OF ITEMS FOR DEMIL (TONS) = 45.5

NO. OF HR SHIFTS REQUIRED FOR DEMIL = 3.32

STORAGE SPACE RELEASED = 354.90 SQ. FT.

COST			
DIRECT COST-PROCESSING	2,587.52		
TOTAL COSTS			2,587.52
BENEFITS			
DIRECT			
RECLAMATION VALUE	.00		
NET DIRECT COST	+2,587.52		
TOTAL DIRECT BENEFITS		.00	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	11,321.31		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	576.49		
TOTAL INDIRECT BENEFITS		11,897.80	
TOTAL BENEFITS			11,897.80
NET COST			-9,310.28

METHOD	SHIFTS	TONS
FURNACE	0.00	0.0
WASHOUT	0.00	0.0
DETONATION	3.32	45.5
BURNING	0.00	0.0

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS			
	RED RIVER				FURNACE	WASHOUT	DETONATION	BURNING
1305004498068 A131 CTG 7.62MM BALL TR	BRD	362884	83000	A			PROCESSING COST ($)	
INDIRECT BENEFITS					1,881.31	NO CAPABILITY	133,477.74	53,392.82
VALUE OF STORAGE SPACE RELEASED		$10,326.03						
PROCESSING AND STORAGE COST AVOIDED		$525.81					RECLAMATION VALUE ($)	
		**********			347,040.39		NONE	NONE
TOTAL INDIRECT BENEFITS		$10,851.84						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	323.70 SQ. FT.				-345,159.08		+133,477.74	+53,392.82
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =			0.90, NET DIRECT COST =			-345,159.08, NET COST =		-356,010.92
***								
1310000391304 B559 CTG 40MM HEI-T MK11	BRD	18471	133000	A			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	8,332.45	5,356.59
VALUE OF STORAGE SPACE RELEASED		$16,546.53						
PROCESSING AND STORAGE COST AVOIDED		$842.56					RECLAMATION VALUE ($)	
		**********					NONE	19,579.26
TOTAL INDIRECT BENEFITS		$17,389.09						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	518.70 SQ. FT.						+8,332.45	-14,222.67
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =			3.08, NET DIRECT COST =			-14,222.67, NET COST =		-31,611.76
***								
1315000284817 C499 CTG 105MM SMK WP M32	BRD	1500	120000	A			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	2,784.00	1,546.67	556.80
VALUE OF STORAGE SPACE RELEASED		$14,929.20						
PROCESSING AND STORAGE COST AVOIDED		$750.20					RECLAMATION VALUE ($)	
		**********				2,750.40	1,115.20	2,656.00
TOTAL INDIRECT BENEFITS		$15,679.40						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	468.00 SQ. FT.					+33.60	+431.47	-2,099.20
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =			0.40, NET DIRECT COST =			-2,099.20, NET COST =		-17,788.60
***								

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC RED RIVER	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1315000824113	C294	CTG 90MM M431 HT-T	BRD	7928	432200	A			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	12,540.67	16,660.30	15,327.44
VALUE OF STORAGE SPACE RELEASED				$53,770.00						
PROCESSING AND STORAGE COST AVOIDED				$2,737.99					RECLAMATION VALUE ($)	
				**********				4,044.15	1,518.29	4,044.15
TOTAL INDIRECT BENEFITS				$56,507.99						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	1,685.58 SQ. FT.							+8,496.52	+15,142.01	+11,283.29
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				7.21, NET DIRECT COST =				+8,496.52, NET COST =		-48,011.47
***										
1320000264378	D676	CHG PROP 3 IN M2	BRD	5450	321200	A			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	23,633.65
VALUE OF STORAGE SPACE RELEASED				$39,950.49						
PROCESSING AND STORAGE COST AVOIDED				$2,034.80					RECLAMATION VALUE ($)	
				**********						1,831.20
TOTAL INDIRECT BENEFITS				$41,985.29						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	1,252.66 SQ. FT.									+21,802.45
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				25.47, NET DIRECT COST =				+21,802.45, NET COST =		-20,192.84
***										

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

TOTALS FOR RED RIVER (BRD)

NUMBER OF ITEMS 5 .

WEIGHT OF ITEMS FOR DEMIL (TONS) = 544.7

NO. OF BAR SHIFTS REQUIRED FOR DEMIL = 37.06

STORAGE SPACE RELEASED = 4,248.66 SQ. FT.

COST			
DIRECT COST-PROCESSING	43,969.02		
TOTAL COSTS			43,969.02
BENEFITS			
DIRECT			
RECLAMATION VALUE	375,151.00		
NET DIRECT COST	-331,181.98		
TOTAL DIRECT BENEFITS		375,151.00	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	135,532.25		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	6,901.36		
TOTAL INDIRECT BENEFITS		142,433.61	
TOTAL BENEFITS			517,584.61
NET COST			-473,615.59

METHOD	SHIFTS	TONS
FURNACE	0.00	41.5
WASHOUT	7.21	216.1
DETONATION	0.00	0.0
BURNING	28.95	287.1

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
50,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT SRV* (LBS)	METHODS			
		TODELE				FURNACE	WASHOUT	DETONATION	BURNING
1375000285209	M431	CHG DEMO LINEAR	BTD	8693	509600 A			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	9,102.89	9,558.06
VALUE OF STORAGE SPACE RELEASED				$63,399.34						
PROCESSING AND STORAGE COST AVOIDED				$3,228.32				RECLAMATION VALUE ($)		
									4,992.57	4,992.48
TOTAL INDIRECT BENEFITS				$66,627.66						
								NET DIRECT COST ($)		
									+4,110.32	+4,565.58
STORAGE SPACE RELEASED:		1,987.44 SQ. FT.								
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =					8.28, NET DIRECT COST =			+4,110.32, NET COST =		-62,517.34

***

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
50,000 LBS - OVER

TOTALS FOR TABLE (BTD)

NUMBER OF ITEMS 1

WEIGHT OF ITEMS FOR DEMIL (TONS) = 254.8

NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 8.28

STORAGE SPACE RELEASED = 1,987.44 SQ. FT.

COST			
DIRECT COST-PROCESSING	9,102.89		
TOTAL COSTS			9,102.89
BENEFITS			
DIRECT			
RECLAMATION VALUE	4,992.57		
NET DIRECT COST	+4,110.32		
TOTAL DIRECT BENEFITS		4,992.57	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	63,399.34		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	3,228.32		
TOTAL INDIRECT BENEFITS		66,627.66	
TOTAL BENEFITS			71,620.23
NET COST			-62,517.34

METHOD	SHIFTS	TONS
FURNACE	0.00	0.0
WASHOUT	0.00	0.0
DETONATION	8.28	254.8
BURNING	0.00	0.0

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY	WEIGHT SRV*	METHODS			
			PORT	KINGATE (EA)	(LBS)	FURNACE	WASHOUT	DETONATION	BURNING
1320003240311		CHG SUPP (AL CASE)	608	196514	93000 A			PROCESSING COST ($)	
INDIRECT BENEFITS						NO CAPABILITY	NO CAPABILITY	4,891.76	26,088.71
VALUE OF STORAGE SPACE RELEASED				$11,570.13					
PROCESSING AND STORAGE COST AVOIDED				$589.16				RECLAMATION VALUE ($)	
								NONE	NONE
TOTAL INDIRECT BENEFITS				$12,159.29					
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		362.70 SQ. FT.						+4,891.76	+26,088.71

PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 1.64, NET DIRECT COST = +4,891.76, NET COST = -7,267.53

***

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

TOTALS FOR FORT MCINTOSH (3038)

NUMBER OF ITEMS 1

WEIGHT OF ITEMS FOR DEMIL (TONS) = 46.5

NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 1.54

STORAGE SPACE RELEASED = 352.70 SQ. FT.

COST			
DIRECT COST-PROCESSING	4,891.76		
TOTAL COSTS			4,891.76
BENEFITS			
DIRECT			
RECLAMATION VALUE	.00		
NET DIRECT COST	+4,891.76		
TOTAL DIRECT BENEFITS		.00	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	11,570.13		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	589.16		
TOTAL INDIRECT BENEFITS		12,159.29	
TOTAL BENEFITS			12,159.29
NET COST			-7,267.53

METHOD	SHIFTS	TONS
FURNACE	0.00	0.0
WASHOUT	0.00	0.0
DETONATION	1.54	46.5
BURNING	0.00	0.0

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC SAVANNA	QUANTITY (EA)	WEIGHT SRV* (LBS)	METHODS			
						FURNACE	WASHOUT	DETONATION	BURNING
131000	B552	CTG 40MM APT M81	B12	13795	92000 A			PROCESSING COST ($)	
INDIRECT BENEFITS						NO CAPABILITY	NO CAPABILITY	5,111.46	5,238.38
VALUE OF STORAGE SPACE RELEASED				$11,445.72					
PROCESSING AND STORAGE COST AVOIDED				$582.82				RECLAMATION VALUE ($)	
				**********				NONE	19,037.10
TOTAL INDIRECT BENEFITS				$12,028.54					
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		358.80 SQ. FT.						+6,111.46	-13,798.72
PREFERRED METHOD: BURNING		, 8-HR SHIFTS REQUIRED =		3.83, NET DIRECT COST =			-13,798.72, NET COST =		-25,827.26

***

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* USED AVERAGE STORAGE DENSITY OF 7.0 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

TOTALS FOR SAVANNA (812)

NUMBER OF ITEMS 1

WEIGHT OF ITEMS FOR DEMIL (TONS) = 46.0

NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 3.83

STORAGE SPACE RELEASED = 358.80 SQ. FT.

COST			
DIRECT COST-PROCESSING	5,238.33		
TOTAL COSTS			5,238.38
BENEFITS			
DIRECT			
RECLAMATION VALUE	19,037.10		
NET DIRECT COST	-13,798.72		
TOTAL DIRECT BENEFITS		19,037.10	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	11,445.72		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	582.82		
TOTAL INDIRECT BENEFITS		12,028.54	
TOTAL BENEFITS			31,065.64
NET COST			-25,827.26

METHOD	SHIFTS	TONS
FURNACE	0.00	0.0
WASHOUT	0.00	0.0
DETONATION	0.00	0.0
BURNING	3.83	46.0

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC SIERRA	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1305000285174	A209	CTG CAL 30 AP API	B20	1361150	104800	A			PROCESSING COST ($)	
INDIRECT BENEFITS							5,329.35	NO CAPABILITY	135,026.08	202,539.12
VALUE OF STORAGE SPACE RELEASED				$13,038.17						
PROCESSING AND STORAGE COST AVOIDED				$663.91					RECLAMATION VALUE ($)	
				**********			19,872.79		NONE	NONE
TOTAL INDIRECT BENEFITS				$13,702.08						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		408.72 SQ. FT.					-13,543.44		+135,026.08	+202,539.12
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				2.13, NET DIRECT COST =			-13,543.44, NET COST =			-27,245.52
***										
1305000286490	A576	CTG CAL 50 MG	B20	359835	143900	A			PROCESSING COST ($)	
INDIRECT BENEFITS							6,491.42	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$17,890.16						
PROCESSING AND STORAGE COST AVOIDED				$910.97					RECLAMATION VALUE ($)	
				**********			25,008.53			
TOTAL INDIRECT BENEFITS				$18,801.13						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		560.82 SQ. FT.					-18,517.11			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				3.27, NET DIRECT COST =			-18,517.11, NET COST =			-37,318.24
***										
1305005354059	4545	CTG CAL 50 API MG LK	B20	1133650	470400	A			PROCESSING COST ($)	
INDIRECT BENEFITS							20,451.05	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$58,522.46						
PROCESSING AND STORAGE COST AVOIDED				$2,979.98					RECLAMATION VALUE ($)	
				**********			92,189.63			
TOTAL INDIRECT BENEFITS				$61,502.44						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		1,834.56 SQ. FT.					-61,738.58			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				10.31, NET DIRECT COST =			-61,738.58, NET COST =			-123,241.02
***										

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS	FURNACE	WASHOUT	DETONATION	BURNING
1305003922153 A131 CTG 7.5244 BALL TR L	B2D	1075174	103500	A				PROCESSING COST ($)	
INDIRECT BENEFITS						5,004.21	NO CAPABILITY	106,756.46	160,134.69
VALUE OF STORAGE SPACE RELEASED		$12,338.88							
PROCESSING AND STORAGE COST AVOIDED		$656.31						RECLAMATION VALUE ($)	
		**********				23,094.69		NONE	NONE
TOTAL INDIRECT BENEFITS		$13,545.19							
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	404.04 SQ. FT.					-18,090.48		+106,756.46	+160,134.69
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =		1.68, NET DIRECT COST =				-18,090.48, NET COST =			-31,635.67
***									
1305009502656 4947 CTG 2044 LKD	B2D	148752	117600	A				PROCESSING COST ($)	
INDIRECT BENEFITS						49,436.49	NO CAPABILITY	14,756.20	22,134.30
VALUE OF STORAGE SPACE RELEASED		$14,530.62							
PROCESSING AND STORAGE COST AVOIDED		$745.00						RECLAMATION VALUE ($)	
		**********				37,411.13		NONE	NONE
TOTAL INDIRECT BENEFITS		$15,275.62							
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	456.64 SQ. FT.					+11,995.36		+14,756.20	+22,134.30
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =		22.14, NET DIRECT COST =				+11,995.36, NET COST =			-3,380.26
***									
1390000284906 N330 FZ PT DET	B2D	25794	99400	A				PROCESSING COST ($)	
INDIRECT BENEFITS						8,567.22	NO CAPABILITY	1,370.69	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$12,356.35							
PROCESSING AND STORAGE COST AVOIDED		$629.70						RECLAMATION VALUE ($)	
		**********				8,383.05		NONE	
TOTAL INDIRECT BENEFITS		$12,986.05							
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	387.66 SQ. FT.					+184.17		+1,370.69	
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =		3.84, NET DIRECT COST =				+184.17, NET COST =			-12,811.88
***									

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

TOTALS FOR SIERRA (320)

NUMBER OF ITEMS 5

WEIGHT OF ITEMS FOR DEMIL (TONS) = 519.8

NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 43.37

STORAGE SPACE RELEASED = 4,054.44 SQ. FT.

COST			
DIRECT COST-PROCESSING	96,249.74		
TOTAL COSTS			96,249.74
BENEFITS			
DIRECT			
RECLAMATION VALUE	195,959.82		
NET DIRECT COST	-99,710.08		
TOTAL DIRECT BENEFITS		195,959.82	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	129,336.64		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	6,585.87		
TOTAL INDIRECT BENEFITS		135,922.51	
TOTAL BENEFITS			331,882.33
NET COST			-235,632.59

METHOD	SHIFTS	TONS
FURNACE	43.37	519.8
WASHOUT	0.00	0.0
DETONATION	0.00	0.0
BURNING	0.00	0.0

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
50,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
			UMATILLA				FURNACE	ASHOUT	DETONATION	BURNING
1305004498055	A131	CTG 7.62MM 4 BALL-1	B21	7138800	748400	A			PROCESSING COST ($)	
INDIRECT BENEFITS							50,128.41	NO CAPABILITY	3,562,087.23	615,507.98
VALUE OF STORAGE SPACE RELEASED				$93,108.44						
PROCESSING AND STORAGE COST AVOIDED				$4,741.11					RECLAMATION VALUE ($)	
				**********			154,164.35		NONE	NONE
TOTAL INDIRECT BENEFITS				$97,849.55						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		2,918.76 SQ. FT.					-94,035.94		+3,562,087.23	+615,507.98
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				22.45, NET DIRECT COST =			-94,035.94, NET COST =			-191,885.49

***

1305005421196	A127	CTG 7.62MM 4 BALL-1	B21	2299200	238600	A			PROCESSING COST ($)	
INDIRECT BENEFITS							192,444.71	NO CAPABILITY	11,400,682.37	1,969,971.70
VALUE OF STORAGE SPACE RELEASED				$29,684.23						
PROCESSING AND STORAGE COST AVOIDED				$1,511.53					RECLAMATION VALUE ($)	
				**********			364,556.29		NONE	NONE
TOTAL INDIRECT BENEFITS				$31,195.76						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		930.54 SQ. FT.					-172,211.58		+11,400,682.37	+1,969,971.70
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				71.85, NET DIRECT COST =			-172,211.58, NET COST =			-203,407.34

***

1315000284682	C032	CTG 7644 SMK WP	B21	8473	305200	A			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	103,774.62	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$37,959.93						
PROCESSING AND STORAGE COST AVOIDED				$1,933.44					RECLAMATION VALUE ($)	
				**********					1,253.30	
TOTAL INDIRECT BENEFITS				$39,903.37						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		1,190.28 SQ. FT.							+102,521.32	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =				48.45, NET DIRECT COST =			+102,521.32, NET COST =			+62,617.95

***

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

TOTALS FOR UMATILLA (321)

NUMBER OF ITEMS 3

WEIGHT OF ITEMS FOR DEMIL (TONS) = 646.1

NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 142.75

STORAGE SPACE RELEASED = 5,039.68 SQ. FT.

COST			
DIRECT COST-PROCESSING	356,347.74		
TOTAL COSTS			356,347.74
BENEFITS			
DIRECT			
RECLAMATION VALUE	520,073.94		
NET DIRECT COST	-163,726.20		
TOTAL DIRECT BENEFITS		520,073.94	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	160,762.50		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	8,186.38		
TOTAL INDIRECT BENEFITS		168,948.68	
TOTAL BENEFITS			689,022.62
NET COST			-332,674.88

METHOD	SHIFTS	TONS
FURNACE	94.30	493.5
WASHOUT	0.00	0.0
DETONATION	48.45	152.6
BURNING	0.00	0.0

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC NAVAJO	QUANTITY (EA)	WEIGHT (LBS)	SRV*	FURNACE	METHODS WASHOUT	DETONATION	BURNING
131500	C267	CTG 90MM M71	822	14151	885000	A			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	33,909.22	60,650.57	41,444.57
VALUE OF STORAGE SPACE RELEASED				$110,102.85						
PROCESSING AND STORAGE COST AVOIDED				55,606.48					RECLAMATION VALUE ($)	
TOTAL INDIRECT BENEFITS				$115,709.33				55,096.29	35,544.11	46,731.30
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;			3,451.50 SQ. FT.					-21,177.07	+25,106.46	-5,286.73

PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 12.87, NET DIRECT COST = -21,177.07, NET COST = -136,886.40

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

TOTALS FOR NAVAJO (822)

NUMBER OF ITEMS 1

WEIGHT OF ITEMS FOR DEMIL (TONS) = 442.5

NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 12.87

STORAGE SPACE RELEASED = 3,451.50 SQ. FT.

COST			
DIRECT COST-PROCESSING	33,909.22		
TOTAL COSTS			33,909.22
BENEFITS			
DIRECT			
RECLAMATION VALUE	55,086.29		
NET DIRECT COST	-21,177.07		
TOTAL DIRECT BENEFITS		55,086.29	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	110,102.85		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	5,606.48		
TOTAL INDIRECT BENEFITS		115,709.33	
TOTAL BENEFITS			170,795.62
NET COST			-136,886.40

METHOD	SHIFTS	TONS
FURNACE	0.00	0.0
WASHOUT	12.87	442.5
DETONATION	0.00	0.0
BURNING	0.00	0.0

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC SENECA	QUANTITY (EA)	WEIGHT SRV* (LBS)	METHODS FURNACE	WASHOUT	DETONATION	BURNING
1315000234321	C500	CTG 10544 MT/RR	B40	1464	85000 A			PROCESSING COST ($)	
INDIRECT BENEFITS						NO CAPABILITY	NO CAPABILITY	53,354.66	7,829.22
VALUE OF STORAGE SPACE RELEASED				$10,574.35					
PROCESSING AND STORAGE COST AVOIDED				$538.48				RECLAMATION VALUE ($)	
								1,024.80	1,332.24
TOTAL INDIRECT BENEFITS				$11,113.33					
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		331.50 SQ. FT.						+52,329.86	+5,496.98

PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 7.96, NET DIRECT COST = +6,496.98, NET COST = -4,616.35

***

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1970 INVENTORY
80,000 LBS - OVER

TOTALS FOR SENECA (840)

NUMBER OF ITEMS 1

WEIGHT OF ITEMS FOR DEMIL (TONS) = 42.5

NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 7.96

STORAGE SPACE RELEASED = 331.50 SQ. FT.

COST			
DIRECT COST-PROCESSING	7,829.22		
TOTAL COSTS			7,829.22
BENEFITS			
DIRECT			
RECLAMATION VALUE	1,332.24		
NET DIRECT COST	+6,496.98		
TOTAL DIRECT BENEFITS		1,332.24	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	10,574.35		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	538.43		
TOTAL INDIRECT BENEFITS		11,113.33	
TOTAL BENEFITS			12,445.57
NET COST			-4,616.35

METHOD	SHIFTS	TONS
FURNACE	0.00	0.0
WASHOUT	0.00	0.0
DETONATION	0.00	0.0
BURNING	7.96	42.5

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC LEXINGTON BG	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS			
							FURNACE	WASHOUT	DETONATION	BURNING
131500	C496	CTG 10544 HE M323	B47	.24834	1800400	A			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	41,333.71	612,351.31	22,963.25
VALUE OF STORAGE SPACE RELEASED				$223,937.76						
PROCESSING AND STORAGE COST AVOIDED				$11,405.53					RECLAMATION VALUE ($)	
				**********				182,529.90	17,135.46	19,867.20
TOTAL INDIRECT BENEFITS				$235,343.29						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		7,021.56 SQ. FT.						-141,196.19	+595,215.85	+3,096.05
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				24.83, NET DIRECT COST =				-141,196.19, NET COST =		-376,589.48
***										
131500	C499	CTG 10544 SAP M32	B47	7533	576000	A			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	125,247.83	3,508.92
VALUE OF STORAGE SPACE RELEASED				$71,550.16						
PROCESSING AND STORAGE COST AVOIDED				$3,648.96					RECLAMATION VALUE ($)	
				**********					5,352.96	12,748.80
TOTAL INDIRECT BENEFITS				$75,309.12						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		2,246.40 SQ. FT.							+120,894.87	-9,239.88
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				4.52, NET DIRECT COST =				-9,239.88, NET COST =		-84,549.00
***										
131500	C500	CTG 10544 HT M341	B47	9236	535500	A			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	15,372.40	227,739.26	117,123.01
VALUE OF STORAGE SPACE RELEASED				$55,534.00						
PROCESSING AND STORAGE COST AVOIDED				$3,393.03					RECLAMATION VALUE ($)	
				**********				5,926.82	2,153.19	6,926.82
TOTAL INDIRECT BENEFITS				$70,927.03						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		2,088.84 SQ. FT.						+8,445.58	+225,586.07	+110,196.19
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				9.24, NET DIRECT COST =				+8,445.58, NET COST =		-61,581.45
***										

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY	WEIGHT	SRV	METHODS			
			LEXINGTON BG	(EA)	(LBS)		FURNACE	WASHOUT	DETONATION	BURNING
131500	C708	CTG 4.2 IN W2 SR W32	B47	13445	504200	A			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	331,548.51	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$62,727.52						
PROCESSING AND STORAGE COST AVOIDED				$3,194.11					RECLAMATION VALUE ($)	
				**********					120.88	
TOTAL INDIRECT BENEFITS				$65,921.63						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED:		1,966.38 SQ. FT.							+331,427.63	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =				373.50, NET DIRECT COST =				+331,427.63, NET COST =		+265,506.00
						***				
134000	H602	RKT 3.5 IN WP-T 127E	B47	34885	630200	A			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	309,667.17
VALUE OF STORAGE SPACE RELEASED				$78,403.18						
PROCESSING AND STORAGE COST AVOIDED				$3,992.32					RECLAMATION VALUE ($)	
				**********						7,613.30
TOTAL INDIRECT BENEFITS				$82,395.50						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED:		2,457.78 SQ. FT.								+302,053.87
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				348.85, NET DIRECT COST =				+302,053.87, NET COST =		+219,658.37
						***				

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

TOTALS FOR LEXINGTON BG (847)

NUMBER OF ITEMS 5

WEIGHT OF ITEMS FOR DEMIL (TONS) = 2,023.2

NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 760.94

STORAGE SPACE RELEASED = 15,780.96 SQ. FT.

COST			
DIRECT COST-PROCESSING	701,430.71		
TOTAL COSTS			701,430.71
BENEFITS			
DIRECT			
RECLAMATION VALUE	209,939.70		
NET DIRECT COST	+491,491.01		
TOTAL DIRECT BENEFITS		209,939.70	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	503,412.52		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	25,633.95		
TOTAL INDIRECT BENEFITS		529,046.57	
TOTAL BENEFITS			738,986.27
NET COST			-37,555.56

METHOD	SHIFTS	TONS
FURNACE	0.00	0.0
WASHOUT	34.07	1,168.0
DETONATION	373.50	252.1
BURNING	353.37	603.1

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
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*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT SRV* (LBS)	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1305000M20055 CTG 20MM MIXED	P64	171746	101330 N	PROCESSING COST ($)			
INDIRECT BENEFITS				10,957.39	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$12,537.34					
PROCESSING AND STORAGE COST AVOIDED		$541.99				RECLAMATION VALUE ($)	
		**********		18,057.37			
TOTAL INDIRECT BENEFITS		$13,249.83					
						NET DIRECT COST ($)	
STORAGE SPACE RELEASED:	395.23 SQ. FT.			-7,099.98			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =		7.81, NET DIRECT COST =		-7,099.98, NET COST =			-20,349.81
***							
1305000391050 4745 CTG,20MM MET	P64	670232	382060 N	PROCESSING COST ($)			
INDIRECT BENEFITS				42,753.99	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$47,531.96					
PROCESSING AND STORAGE COST AVOIDED		$2,420.35				RECLAMATION VALUE ($)	
		**********		70,473.45			
TOTAL INDIRECT BENEFITS		$49,952.31					
						NET DIRECT COST ($)	
STORAGE SPACE RELEASED:	1,490.03 SQ. FT.			-27,709.46			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =		30.47, NET DIRECT COST =		-27,709.46, NET COST =			-77,661.77
***							
1305000391051 4744 CTG,20MM MEI	P64	356141	203000 N	PROCESSING COST ($)			
INDIRECT BENEFITS				22,721.80	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$25,255.23					
PROCESSING AND STORAGE COST AVOIDED		$1,236.01				RECLAMATION VALUE ($)	
		**********		37,444.66			
TOTAL INDIRECT BENEFITS		$26,541.24					
						NET DIRECT COST ($)	
STORAGE SPACE RELEASED:	791.70 SQ. FT.			-14,722.86			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =		16.19, NET DIRECT COST =		-14,722.86, NET COST =			-41,264.10
***							

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
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*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE / CRANE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1305002942234 CTG,2044 4E	P64	3791052	2160399	N			PROCESSING COST ($)	
INDIRECT BENEFITS					241,369.12	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$268,337.57						
PROCESSING AND STORAGE COST AVOIDED		$13,589.30					RECLAMATION VALUE ($)	
		**********			393,591.21			
TOTAL INDIRECT BENEFITS		$282,526.87						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED; 8,427.51 SQ. FT.					-156,722.09			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 172.32, NET DIRECT COST = -156,722.09, NET COST = -639,248.96								
***								
1305003011665 A216 CTG,.30 BALL M2	P64	1806854	102991	N			PROCESSING COST ($)	
INDIRECT BENEFITS					1,264.80	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$12,814.23						
PROCESSING AND STORAGE COST AVOIDED		$552.51					RECLAMATION VALUE ($)	
		**********			11,925.30			
TOTAL INDIRECT BENEFITS		$13,456.74						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED; 401.70 SQ. FT.					-10,660.50			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 18.07, NET DIRECT COST = -10,660.50, NET COST = -24,127.24								
***								
1310004420325 5744 MIXED	P64	21991	120370	N			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	8,202.64	2,133.13	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$14,939.09						
PROCESSING AND STORAGE COST AVOIDED		$760.71					RECLAMATION VALUE ($)	
		**********				NONE	NONE	
TOTAL INDIRECT BENEFITS		$15,699.80						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED; 468.31 SQ. FT.						+8,202.64	+2,133.13	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 8.80, NET DIRECT COST = +2,133.13, NET COST = -13,566.67								
***								

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*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT SRV* (LBS)	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1315000284740	C292	CARTRIDGE,90 MI	P64	10793	447153 ¶			PROCESSING COST ($)	
INDIRECT BENEFITS						NO CAPABILITY	74,368.09	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$55,681.05					
PROCESSING AND STORAGE COST AVOIDED				$2,832.76				RECLAMATION VALUE ($)	
				**********			32,134.21		
TOTAL INDIRECT BENEFITS				$58,453.81				NET DIRECT COST ($)	
STORAGE SPACE RELEASED:	1,743.92 SQ. FT.						+42,233.88		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				21.59, NET DIRECT COST =			+42,233.88, NET COST =		-16,229.93
				***					
1315000284751	C292	CARTRIDGE,90 MI	P64	5210	205534 ¶			PROCESSING COST ($)	
INDIRECT BENEFITS						NO CAPABILITY	35,898.98	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$25,571.36					
PROCESSING AND STORAGE COST AVOIDED				$1,302.10				RECLAMATION VALUE ($)	
				**********			15,511.84		
TOTAL INDIRECT BENEFITS				$26,873.46				NET DIRECT COST ($)	
STORAGE SPACE RELEASED:	801.61 SQ. FT.						+20,387.14		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				10.42, NET DIRECT COST =			+20,387.14, NET COST =		-6,486.32
				***					
1315000284865	C805	PROJECTILE AND	P64	2545	234932 ¶			PROCESSING COST ($)	
INDIRECT BENEFITS						NO CAPABILITY	18,232.00	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$29,216.57					
PROCESSING AND STORAGE COST AVOIDED				$1,437.71				RECLAMATION VALUE ($)	
				**********			42,514.23		
TOTAL INDIRECT BENEFITS				$30,704.28				NET DIRECT COST ($)	
STORAGE SPACE RELEASED:	915.88 SQ. FT.						-24,282.23		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				5.29, NET DIRECT COST =			-24,282.23, NET COST =		-54,986.51
				***					

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
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JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC CRANE	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
							FURNACE	WASHOUT	DETONATION	BURNING
1315000285006	C709	CARTRIDGE,4.2 I	P64	8440	199774	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	36,923.82	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$24,334.57						
PROCESSING AND STORAGE COST AVOIDED				$1,255.61					RECLAMATION VALUE ($)	
				**********					75.88	
TOTAL INDIRECT BENEFITS				$26,120.18						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		779.14 SQ. FT.							+36,947.94	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =				12.06,	NET DIRECT COST =				+36,847.94, NET COST =	+10,727.76
					***					
1315000394104	PROJ,3/50 AP		P64	58237	891357	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	304,746.44
VALUE OF STORAGE SPACE RELEASED				$110,956.18						
PROCESSING AND STORAGE COST AVOIDED				$5,549.93					RECLAMATION VALUE ($)	
				**********						267,850.70
TOTAL INDIRECT BENEFITS				$116,506.11						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		3,478.25 SQ. FT.								+36,895.74
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				113.73,	NET DIRECT COST =				+36,895.74, NET COST =	-79,710.37
					***					
1315003011080	C262	CARTRIDGE,90 MI	P64	5001	208091	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	21,878.67
VALUE OF STORAGE SPACE RELEASED				$25,339.72						
PROCESSING AND STORAGE COST AVOIDED				$1,318.31					RECLAMATION VALUE ($)	
				**********						4,162.83
TOTAL INDIRECT BENEFITS				$27,208.03						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		811.59 SQ. FT.								+17,715.84
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				7.14,	NET DIRECT COST =				+17,715.84, NET COST =	-9,492.19
					***					

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*		METHODS		
		CRANE					FURNACE	WASHOUT	DETONATION	BURNING
1315003226371	C802	PROJ/CHG 120MM	P64	6400	586784 M			PROCESSING COST ($)		
INDIRECT BENEFITS							NO CAPABILITY	2,880.00	NO CAPABILITY	2,745.60
VALUE OF STORAGE SPACE RELEASED				$35,442.24						
PROCESSING AND STORAGE COST AVOIDED				$4,350.75				RECLAMATION VALUE ($)		
				**********				91,392.00		NONE
TOTAL INDIRECT BENEFITS				$39,792.99						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED:	2,678.44 SQ. FT.							-88,512.00		+2,745.60
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				16.00, NET DIRECT COST =				-88,512.00, NET COST =		-178,304.99

***

1315003442314	C806	PROJ/CHG 120MM	P64	3439	306586 M			PROCESSING COST ($)		
INDIRECT BENEFITS							NO CAPABILITY	21,940.82	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$38,141.55						
PROCESSING AND STORAGE COST AVOIDED				$1,942.18				RECLAMATION VALUE ($)		
				**********				49,108.92		
TOTAL INDIRECT BENEFITS				$40,083.73						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED:	1,195.66 SQ. FT.							-27,168.10		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				6.88, NET DIRECT COST =				-27,168.10, NET COST =		-67,251.83

***

1315005420418	C802	PROJ/CHG 120MM	P64	5333	659230 M			PROCESSING COST ($)		
INDIRECT BENEFITS							NO CAPABILITY	2,696.85	NO CAPABILITY	2,571.00
VALUE OF STORAGE SPACE RELEASED				$32,016.18						
PROCESSING AND STORAGE COST AVOIDED				$4,176.29				RECLAMATION VALUE ($)		
				**********				85,580.34		NONE
TOTAL INDIRECT BENEFITS				$36,192.47						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED:	2,571.04 SQ. FT.							-82,883.19		+2,571.00
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				14.98, NET DIRECT COST =				-82,883.19, NET COST =		-169,075.66

***

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1315005420502 C804 PROJ/CHG 120MM	P64	9197	1011670	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	4,138.65	NO CAPABILITY	3,945.51
VALUE OF STORAGE SPACE RELEASED		$125,866.05						
PROCESSING AND STORAGE COST AVOIDED		$6,406.99				RECLAMATION VALUE ($)		
		**********				131,333.16		NONE
TOTAL INDIRECT BENEFITS		$132,272.04						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 3,945.55 SQ. FT.						-127,194.51		+3,945.51
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 22.99, NET DIRECT COST = -127,194.51, NET COST = -259,466.55								
***								
1315006071599 PROJ,3/7D VT	P64	33952	509430	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	182,009.15	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$63,379.56						
PROCESSING AND STORAGE COST AVOIDED		$3,227.30				RECLAMATION VALUE ($)		
		**********				20,028.41		
TOTAL INDIRECT BENEFITS		$66,606.86						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 1,986.82 SQ. FT.						+161,980.74		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 67.92, NET DIRECT COST = +161,980.74, NET COST = +95,373.88								
***								
1315006071600 PROJ,3/7D VT	P64	6048	90720	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	32,412.44	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$11,286.54						
PROCESSING AND STORAGE COST AVOIDED		$574.71				RECLAMATION VALUE ($)		
		**********				3,566.69		
TOTAL INDIRECT BENEFITS		$11,861.25						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 353.81 SQ. FT.						+28,845.75		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 12.10, NET DIRECT COST = +28,845.75, NET COST = +16,984.50								
***								

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** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV	CRANE	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1315006339444	C802	PROJ/CHG 120MM	P64	14670	1553406	N			PROCESSING COST ($)		
INDIRECT BENEFITS								NO CAPABILITY	6,601.50	NO CAPABILITY	6,293.43
VALUE OF STORAGE SPACE RELEASED				$133,258.49							
PROCESSING AND STORAGE COST AVOIDED				$9,840.79					RECLAMATION VALUE ($)		
				**********					209,487.60		NONE
TOTAL INDIRECT BENEFITS				$203,099.28							
									NET DIRECT COST ($)		
STORAGE SPACE RELEASED;	6,056.26 SQ. FT.								-202,886.10		+6,293.43
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				36.68, NET DIRECT COST =					-202,886.10, NET COST =		-405,985.38
***											
1315007527589	C807	PROJECTILE AND	P64	21052	1106282	N			PROCESSING COST ($)		
INDIRECT BENEFITS								NO CAPABILITY	145,056.70	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$137,532.23							
PROCESSING AND STORAGE COST AVOIDED				$7,008.28					RECLAMATION VALUE ($)		
				**********					299,188.71		
TOTAL INDIRECT BENEFITS				$144,540.51							
									NET DIRECT COST ($)		
STORAGE SPACE RELEASED;	4,314.49 SQ. FT.								-154,132.01		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				42.10, NET DIRECT COST =					-154,132.01, NET COST =		-298,772.52
***											
1320000392769	D232	PROJ,5/38 VT	P64	17977	981723	N			PROCESSING COST ($)		
INDIRECT BENEFITS								NO CAPABILITY	120,427.92	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$122,135.85							
PROCESSING AND STORAGE COST AVOIDED				$6,219.20					RECLAMATION VALUE ($)		
				**********					62,602.93		
TOTAL INDIRECT BENEFITS				$128,355.05							
									NET DIRECT COST ($)		
STORAGE SPACE RELEASED;	3,828.71 SQ. FT.								+57,824.99		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				44.94, NET DIRECT COST =					+57,824.99, NET COST =		-70,530.06
***											

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** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC / CRANE	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1320000393336 D309 CHG,PROP 5/54	P64	3140	107199	N			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	10,015.60
VALUE OF STORAGE SPACE RELEASED		$13,336.75						
PROCESSING AND STORAGE COST AVOIDED		$679.11					RECLAMATION VALUE ($)	
		**********						20,671.22
TOTAL INDIRECT BENEFITS		$14,015.86						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	416.08 SQ. FT.							-10,654.62
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =		3.93, NET DIRECT COST =				-10,654.62, NET COST =		-24,670.48
***								
1320000393351 D310 CHG,PROP 5/54	P64	3458	118056	N			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	11,031.02
VALUE OF STORAGE SPACE RELEASED		$14,687.72						
PROCESSING AND STORAGE COST AVOIDED		$747.91					RECLAMATION VALUE ($)	
		**********						22,764.67
TOTAL INDIRECT BENEFITS		$15,435.63						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	460.43 SQ. FT.							-11,733.65
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =		4.32, NET DIRECT COST =				-11,733.65, NET COST =		-27,169.28
***								
1320000393580 D331 PROJ,8/55 HC	P64	459	119412	N			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	11,968.88
VALUE OF STORAGE SPACE RELEASED		$14,357.11						
PROCESSING AND STORAGE COST AVOIDED		1756.53					RECLAMATION VALUE ($)	
		**********						4,133.48
TOTAL INDIRECT BENEFITS		$15,513.64						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	465.74 SQ. FT.							+7,835.40
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =		4.69, NET DIRECT COST =				+7,835.40, NET COST =		-7,778.24
***								

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*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
	CRANE				FURNACE	WASHOUT	DETONATION	BURNING
1320000393746 D543 PROJ,8/55 BLP/T	P64	545	141960	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	420.42	NO CAPABILITY	1,163.53
VALUE OF STORAGE SPACE RELEASED		$17,651.12						
PROCESSING AND STORAGE COST AVOIDED		$899.32				RECLAMATION VALUE ($)		
TOTAL INDIRECT BENEFITS		$18,550.44				7,553.95		4,812.11
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED;	553.64 SQ. FT.					-7,143.53		-3,648.58
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =		1.56,	NET DIRECT COST =			-7,143.53,	NET COST =	-25,703.97
***								
1320000394038 D881 PROJ,16/50 BLPT	P64	32	86400	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	816.64
VALUE OF STORAGE SPACE RELEASED		$10,749.02						
PROCESSING AND STORAGE COST AVOIDED		$547.34				RECLAMATION VALUE ($)		
TOTAL INDIRECT BENEFITS		$11,296.36						2,215.87
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED;	336.96 SQ. FT.							-1,399.23
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =		0.64,	NET DIRECT COST =			-1,399.23,	NET COST =	-12,695.59
***								
1320005297347 D487 PROJECTILE,155	P64	1512	149718	M		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	4,630.35	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$18,526.73						
PROCESSING AND STORAGE COST AVOIDED		$948.49				RECLAMATION VALUE ($)		
TOTAL INDIRECT BENEFITS		$19,575.21				NONE		
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED;	593.91 SQ. FT.					+4,630.35		
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =		3.02,	NET DIRECT COST =			+4,630.35,	NET COST =	-14,944.86
***								

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*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC CRANE	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
							FURNACE	WASHOUT	DETONATION	BURNING
1320005297348	D485	PROJECTILE,155	P64	1015	95794	N		PROCESSING COST ($)		
INDIRECT BENEFITS							NO CAPABILITY	6,482.08	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$12,042.89						
PROCESSING AND STORAGE COST AVOIDED				+513.23				RECLAMATION VALUE ($)		
				**********				1,399.47		
TOTAL INDIRECT BENEFITS				$12,556.12						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		377.52 SQ. FT.						+4,583.61		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				2.54, NET DIRECT COST =				+4,583.61, NET COST =		-8,072.51
				***						
1325000285361	E107	BOMB,SAP 4594]	P64	1125	1143000	N		PROCESSING COST ($)		
INDIRECT BENEFITS							NO CAPABILITY	107,662.50	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$142,200.63						
PROCESSING AND STORAGE COST AVOIDED				$7,240.91				RECLAMATION VALUE ($)		
				**********				99,899.98		
TOTAL INDIRECT BENEFITS				$149,441.54						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		4,457.70 SQ. FT.						+7,762.52		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				40.18, NET DIRECT COST =				+7,762.52, NET COST =		-141,679.02
				***						
1325000384582	E116	BOMB,DEPTH MK 5	P64	4871	1597688	N		PROCESSING COST ($)		
INDIRECT BENEFITS							NO CAPABILITY	27,429.60	3,273.31	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$198,767.31						
PROCESSING AND STORAGE COST AVOIDED				$10,121.30				RECLAMATION VALUE ($)		
				**********				306,434.51	NONE	
TOTAL INDIRECT BENEFITS				$208,888.61						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		6,230.95 SQ. FT.						-279,005.91	+3,273.31	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				405.92, NET DIRECT COST =				-279,005.91, NET COST =		-487,894.52
				***						

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JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
CRANE					FURNACE	WASHOUT	DETONATION	BURNING
1325001024251 E509 BOMB,SP 33 4	P64	193	176525	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	25,658.14	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$22,209.74						
PROCESSING AND STORAGE COST AVOIDED		$1,130.92				RECLAMATION VALUE ($)		
		**********				1,528.56		
TOTAL INDIRECT BENEFITS		$23,340.66						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 696.23 SQ. FT.						+24,329.58		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 9.65, NET DIRECT COST = +24,329.58, NET COST = +988.92								
***								
1325001136003 E506 BOMB,SP MK 83-4	P64	215	199800	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	28,939.68	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$24,357.12						
PROCESSING AND STORAGE COST AVOIDED		$1,255.73				RECLAMATION VALUE ($)		
		**********				1,710.72		
TOTAL INDIRECT BENEFITS		$26,122.85						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 779.22 SQ. FT.						+27,228.96		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 10.80, NET DIRECT COST = +27,228.96, NET COST = +1,106.11								
***								
1325001337058 E802 DISP,CBU-55/B	P64	525	433125	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	133,980.00	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$53,334.52						
PROCESSING AND STORAGE COST AVOIDED		$2,743.82				RECLAMATION VALUE ($)		
		**********					5,145.00	
TOTAL INDIRECT BENEFITS		$56,628.34						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 1,689.17 SQ. FT.							+128,835.00	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 87.50, NET DIRECT COST = +128,835.00, NET COST = +72,206.66								
***								

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*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
		CRANE					FURNACE	WASHOUT	DETONATION	BURNING
1325004091727	E488	BOMB,SP	32	2	P64	7422	3673890	N		
INDIRECT BENEFITS							NO CAPABILITY	PROCESSING COST ($) 441,955.38	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$457,059.90						
PROCESSING AND STORAGE COST AVOIDED				$23,274.16				RECLAMATION VALUE ($)		
				**********				387,294.80		
TOTAL INDIRECT BENEFITS				$480,334.06				NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		14,326.21 SQ. FT.						+54,660.58		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				164.93, NET DIRECT COST =				+54,660.58, NET COST =		-425,683.48
***										
1325009123867	F244	BOMB,SP,MK	82-1		P64	3057	1516165	N		
INDIRECT BENEFITS							NO CAPABILITY	PROCESSING COST ($) 17,270.28	3,327.70	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$188,374.16						
PROCESSING AND STORAGE COST AVOIDED				$9,617.54				RECLAMATION VALUE ($)		
				**********				150,042.19	NONE	
TOTAL INDIRECT BENEFITS				$198,491.70				NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		5,920.82 SQ. FT.						-142,771.91	+3,327.70	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				255.58, NET DIRECT COST =				-142,771.91, NET COST =		-341,263.61
***										
1330008924885	G990	GRENADE,RIFLE			P64	81213	126692	N		
INDIRECT BENEFITS							NO CAPABILITY	PROCESSING COST ($) NO CAPABILITY	NO CAPABILITY	41,418.63
VALUE OF STORAGE SPACE RELEASED				$15,762.75						
PROCESSING AND STORAGE COST AVOIDED				$802.64				RECLAMATION VALUE ($)		
				**********						NONE
TOTAL INDIRECT BENEFITS				$16,565.39				NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		494.13 SQ. FT.								+41,418.63
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				27.07, NET DIRECT COST =				+41,418.63, NET COST =		+24,853.24
***										

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*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1340000A020249	WHD RKT 5.0 HE		P64	3819	196588	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	25,583.48	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$24,705.27						
PROCESSING AND STORAGE COST AVOIDED				$1,258.00					RECLAMATION VALUE ($)	
				**********				21,357.72		
TOTAL INDIRECT BENEFITS				$25,963.27					NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		774.46 SQ. FT.						+4,225.76		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				9.55, NET DIRECT COST =				+4,225.76, NET COST =		-21,737.51
***										
1340000286090 M60 ROCKET,HEAT,3.5			P64	14753	132777	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	101,654.07	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$16,519.10						
PROCESSING AND STORAGE COST AVOIDED				$841.16					RECLAMATION VALUE ($)	
				**********				3,219.69		
TOTAL INDIRECT BENEFITS				$17,360.26					NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		517.84 SQ. FT.						+98,434.38		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				29.51, NET DIRECT COST =				+98,434.38, NET COST =		+81,074.12
***										
1340000286092 M61 ROCKET,PRACTICE			P64	43937	394123	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	25,160.56	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$49,032.53						
PROCESSING AND STORAGE COST AVOIDED				$2,496.75					RECLAMATION VALUE ($)	
				**********					230.49	
TOTAL INDIRECT BENEFITS				$51,529.28					NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		1,537.07 SQ. FT.							+24,930.07	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =				199.94, NET DIRECT COST =					+24,930.07, NET COST =	-26,599.21
***										

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	CRANE	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1340000286093 M602 ROCKET,SMOKE,3.	P64	39510	354905	N				PROCESSING COST ($)	
INDIRECT BENEFITS						NO CAPABILITY	NO CAPABILITY	22,656.92	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$44,153.11							
PROCESSING AND STORAGE COST AVOIDED		$2,248.29						RECLAMATION VALUE ($)	
		**********						207.56	
TOTAL INDIRECT BENEFITS		$46,401.40							
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED; 1,384.11 SQ. FT.								+22,449.36	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 180.05, NET DIRECT COST = +22,449.36, NET COST = -23,952.04									
***									
1340000389362 WHD,RKT 5.00 HE	P64	3203	166972	N				PROCESSING COST ($)	
INDIRECT BENEFITS						NO CAPABILITY	21,456.90	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$20,773.92							
PROCESSING AND STORAGE COST AVOIDED		$1,057.82						RECLAMATION VALUE ($)	
		**********					7,955.22		
TOTAL INDIRECT BENEFITS		$21,831.74							
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED; 651.22 SQ. FT.							+13,500.68		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 8.01, NET DIRECT COST = +13,500.68, NET COST = -8,331.06									
***									
1340001437117 M600 ROCKET,HEAT,3.5	P64	72740	651750	N				PROCESSING COST ($)	
INDIRECT BENEFITS						NO CAPABILITY	327,330.00	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$81,085.33							
PROCESSING AND STORAGE COST AVOIDED		$4,129.90						RECLAMATION VALUE ($)	
		**********					15,874.78		
TOTAL INDIRECT BENEFITS		$85,214.23							
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED; 2,541.86 SQ. FT.							+311,455.22		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 181.85, NET DIRECT COST = +311,455.22, NET COST = +226,240.99									
***									

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
		CRANE					FURNACE	WASHOUT	DETONATION	BURNING
1340003012007	J824	FZ,MT M402 A1	P64	121309	327534	N			PROCESSING COST ($)	
INDIRECT BENEFITS							5,186.75	NO CAPABILITY	3,336.00	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$40,749.38						
PROCESSING AND STORAGE COST AVOIDED				$2,074.97					RECLAMATION VALUE ($)	
				**********			42,336.84		NONE	
TOTAL INDIRECT BENEFITS				$42,824.35						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		1,277.41 SQ. FT.					-35,150.08		+3,336.00	
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				40.44, NET DIRECT COST =			-36,150.08, NET COST =			-78,974.63
					***					
1351000930619	R740	CASE 25 1	P64	1077	1889058	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	510,436.46	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$235,017.83						
PROCESSING AND STORAGE COST AVOIDED				$11,967.20					RECLAMATION VALUE ($)	
				**********				10,355.15		
TOTAL INDIRECT BENEFITS				$246,985.03						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		7,367.33 SQ. FT.						+499,580.30		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				153.86, NET DIRECT COST =				+499,580.30, NET COST =		+252,595.27
					***					
1351000930623		CASE 39 0	P64	1139	2033115	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	472,343.30	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$252,940.52						
PROCESSING AND STORAGE COST AVOIDED				$12,879.82					RECLAMATION VALUE ($)	
				**********				NONE		
TOTAL INDIRECT BENEFITS				$265,820.34						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		7,929.17 SQ. FT.						+472,343.30		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				142.38, NET DIRECT COST =				+472,343.30, NET COST =		+206,522.96
					***					

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
		CRANE								
1351007070663	CASE	50 0	P64	346	390852	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	100,238.92	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$48,526.77						
PROCESSING AND STORAGE COST AVOIDED				$2,476.10					RECLAMATION VALUE ($)	
				**********				49,964.75		
TOTAL INDIRECT BENEFITS				$51,102.87					NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	1,524.35 SQ. FT.							+50,274.16		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 30.21, NET DIRECT COST = +50,274.16, NET COST = -828.71										
***										
1361000388875 SW35 BSTR,AUX,DC 2-0			P64	134427	470494	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	223,148.82	228,525.90
VALUE OF STORAGE SPACE RELEASED				$58,534.91						
PROCESSING AND STORAGE COST AVOIDED				$2,980.62					RECLAMATION VALUE ($)	
				**********					NONE	80,656.20
TOTAL INDIRECT BENEFITS				$61,515.53					NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	1,834.95 SQ. FT.								+223,148.82	+147,869.70
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 672.14, NET DIRECT COST = +147,869.70, NET COST = +86,354.17										
***										
1361000929995 S505 CASE,DC,LOD 9-4			P64	475	166600	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	558.31	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$20,726.71						
PROCESSING AND STORAGE COST AVOIDED				$1,055.41					RECLAMATION VALUE ($)	
				**********				NONE		
TOTAL INDIRECT BENEFITS				$21,782.12					NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	649.74 SQ. FT.							+558.31		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 7.93, NET DIRECT COST = +658.31, NET COST = -21,123.81										
***										

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.57 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
					FURNACE	WASHOUT	DETONATION	BURNING
1361005409439 S525 DC,4E,7.2 444	P64	19433	1209431	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	23,698.81	1,749.42	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$150,456.56						
PROCESSING AND STORAGE COST AVOIDED		$7,661.80				RECLAMATION VALUE ($)		
		**********				144,618.72	NONE	
TOTAL INDIRECT BENEFITS		$158,128.36						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED: 4,716.82 SQ. FT.						-120,919.91	+1,749.42	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 323.97, NET DIRECT COST = -120,919.91, NET COST = -279,048.27								
***								
1361005557193 CASE,DC 7 D	P64	376	270720	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	520.01	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$33,530.34						
PROCESSING AND STORAGE COST AVOIDED		$1,715.01				RECLAMATION VALUE ($)		
		**********				49,695.76		
TOTAL INDIRECT BENEFITS		$35,395.35						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED: 1,055.81 SQ. FT.						-48,175.75		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 6.27, NET DIRECT COST = -48,175.75, NET COST = -83,571.10								
***								
1361009120458 DEPTH CHARGE,4I	P64	210	105025	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	23,223.20	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$13,065.60						
PROCESSING AND STORAGE COST AVOIDED		$665.30				RECLAMATION VALUE ($)		
		**********				15,033.69		
TOTAL INDIRECT BENEFITS		$13,730.90						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED: 409.58 SQ. FT.						+8,189.51		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 7.00, NET DIRECT COST = +8,189.51, NET COST = -5,541.39								
***								

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC CRANE	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	ASHOUT	DETONATION	BURNING
1365000253273	4951	WAR GAS IOSE M1	P64	2044	224840	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	2,064.44
VALUE OF STORAGE SPACE RELEASED				$27,372.47						
PROCESSING AND STORAGE COST AVOIDED				$1,424.36					RECLAMATION VALUE ($)	
TOTAL INDIRECT BENEFITS				$29,396.83						NONE
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		676.88 SQ. FT.								+2,064.44
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 8.18, NET DIRECT COST = +2,064.44, NET COST = -27,332.39										
***										
1370000779521	L426	FLARE A/C 45-D	P64	5890	173755	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	7,215.01
VALUE OF STORAGE SPACE RELEASED				$21,617.35						
PROCESSING AND STORAGE COST AVOIDED				$1,100.77					RECLAMATION VALUE ($)	
TOTAL INDIRECT BENEFITS				$22,718.12						948.23
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		677.66 SQ. FT.								+6,266.78
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 9.42, NET DIRECT COST = +6,266.78, NET COST = -16,451.34										
***										
1370007944594	L585	MARKER 58 D	P64	42842	552661	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	40,999.79
VALUE OF STORAGE SPACE RELEASED				$68,756.30						
PROCESSING AND STORAGE COST AVOIDED				$3,501.10					RECLAMATION VALUE ($)	
TOTAL INDIRECT BENEFITS				$72,257.40						4,737.90
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		2,155.37 SQ. FT.								+36,261.89
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 35.70, NET DIRECT COST = +36,261.89, NET COST = -35,995.51										
***										

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*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
		CRANE								
1375006339816		COMP B,RECLMD	P64	405600	405600	N			PROCESSING COST ($)	
INDIRECT BENEFITS								NO CAPABILITY	NO CAPABILITY NO CAPABILITY	13,502.42
VALUE OF STORAGE SPACE RELEASED				$50,450.70						
PROCESSING AND STORAGE COST AVOIDED				$2,559.48					RECLAMATION VALUE ($)	
				**********						NONE
TOTAL INDIRECT BENEFITS				$53,010.18						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		1,581.84 SQ. FT.								+13,502.42
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				8.82, NET DIRECT COST =				+13,502.42, NET COST =		-39,527.76
				***						
1390000931248		FUZE M55	P64	320389	320389	N			PROCESSING COST ($)	
INDIRECT BENEFITS								40,881.64	NO CAPABILITY 122,644.91	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$39,858.41						
PROCESSING AND STORAGE COST AVOIDED				$2,029.61					RECLAMATION VALUE ($)	
				**********				NONE		NONE
TOTAL INDIRECT BENEFITS				$41,888.02						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		1,249.48 SQ. FT.						+40,881.64		+122,644.91
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				32.04, NET DIRECT COST =				+40,881.64, NET COST =		-1,006.38
				***						

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

TOTALS FOR CRANE (P64)

NUMBER OF ITEMS 56

WEIGHT OF ITEMS FOR DEMIL (TONS) = 16,144.1

NO. OF MAN SHIFTS REQUIRED FOR DEMIL = 3,796.08

STORAGE SPACE RELEASED = 125,943.31 SQ. FT.

COST			
DIRECT COST-PROCESSING	4,196,138.35		
TOTAL COSTS			4,196,138.35
BENEFITS			
DIRECT			
RECLAMATION VALUE	3,319,028.28		
NET DIRECT COST	+877,110.08		
TOTAL DIRECT BENEFITS		3,319,028.28	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	4,017,591.54		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	204,577.19		
TOTAL INDIRECT BENEFITS		4,222,168.83	
TOTAL BENEFITS			7,541,197.11
NET COST			-3,345,058.75

METHOD	SHIFTS	TONS
FURNACE	317.34	1,799.8
WASHOUT	2,393.59	11,777.6
DETONATION	491.37	825.5
BURNING	895.78	1,742.2

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
	EARLE				FURNACE	WASHOUT	DETONATION	BURNING
1325003187353 F837 FUZE,MT 344-0	P65	19951	86587	N			PROCESSING COST ($)	
INDIRECT BENEFITS					66,503.47	NO CAPABILITY	NO CAPABILITY	39,902.00
VALUE OF STORAGE SPACE RELEASED		$10,771.35						
PROCESSING AND STORAGE COST AVOIDED		$548.48					RECLAMATION VALUE ($)	
		**********			5,995.30			5,985.30
TOTAL INDIRECT BENEFITS		$11,319.83						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	337.66 SQ. FT.				+60,518.17			+33,916.70
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =		33.25, NET DIRECT COST =			+33,916.70, NET COST =			+22,596.87

***

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
	EARLE				FURNACE	WASHOUT	DETONATION	BURNING
1340003063408 4342 RKT MOTOR,JATO	P65	538	110419	N			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	14,672.73
VALUE OF STORAGE SPACE RELEASED		$13,737.42						
PROCESSING AND STORAGE COST AVOIDED		$699.51					RECLAMATION VALUE ($)	
		**********						774.72
TOTAL INDIRECT BENEFITS		$14,436.93						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	430.64 SQ. FT.							+13,898.01
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =		4.89, NET DIRECT COST =			+13,898.01, NET COST =			-538.92

***

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*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.57 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

TOTALS FOR EARLE (P55)

NUMBER OF ITEMS 2

WEIGHT OF ITEMS FOR DEMIL (TONS) = 98.4

NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 38.14

STORAGE SPACE RELEASED = 758.30 SQ. FT.

COST			
DIRECT COST-PROCESSING	54,574.73		
TOTAL COSTS			54,574.73
BENEFITS			
DIRECT			
RECLAMATION VALUE	6,760.02		
NET DIRECT COST	+47,814.71		
TOTAL DIRECT BENEFITS		6,760.02	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	24,509.77		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	1,247.99		
TOTAL INDIRECT BENEFITS		25,756.76	
TOTAL BENEFITS			32,516.78
NET COST			+22,057.95

METHOD	SHIFTS	TONS
FURNACE	0.00	0.0
WASHOUT	0.00	0.0
DETONATION	0.00	0.0
BURNING	38.14	98.4

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY	WEIGHT	SRV*	METHODS			
			HAWTHORNE	(EA)	(LBS)		FURNACE	WASHOUT	DETONATION	BURNING
1305000284544	A775	CTG,20MM	M97	P67	158505	90347	N		PROCESSING COST ($)	
INDIRECT BENEFITS							12,930.84	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$11,239.33						
PROCESSING AND STORAGE COST AVOIDED				$572.30					RECLAMATION VALUE ($)	
				**********			16,665.22			
TOTAL INDIRECT BENEFITS				$11,811.63						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;			352.33 SQ. FT.				-3,734.38			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =					7.93, NET DIRECT COST =			-3,734.38, NET COST =		-15,546.01
***										
1305000284546	A775	CTG,20MM	M97	P67	218282	124420	N		PROCESSING COST ($)	
INDIRECT BENEFITS							436.56	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$15,479.16						
PROCESSING AND STORAGE COST AVOIDED				$738.20					RECLAMATION VALUE ($)	
				**********			22,950.17			
TOTAL INDIRECT BENEFITS				$16,257.36						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;			485.24 SQ. FT.				-22,513.61			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =					5.46, NET DIRECT COST =			-22,513.61, NET COST =		-38,780.97
***										
1305000284550	A765	CTG,20MM	M95	P67	298530	170190	N		PROCESSING COST ($)	
INDIRECT BENEFITS							597.16	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$21,174.58						
PROCESSING AND STORAGE COST AVOIDED				$1,078.22					RECLAMATION VALUE ($)	
				**********			35,065.24			
TOTAL INDIRECT BENEFITS				$22,252.80						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;			663.78 SQ. FT.				-34,468.08			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =					7.46, NET DIRECT COST =			-34,468.08, NET COST =		-56,720.88
***										

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** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC HAWTHORNE	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS FURNACE	WASHOUT	DETONATION	BURNING
1305000284551	A765	CTG,20MM M95A1	P67	1323293	754275	N				
INDIRECT BENEFITS							2,546.59	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$93,839.91						
PROCESSING AND STORAGE COST AVOIDED				$4,778.36						
				**********						
TOTAL INDIRECT BENEFITS				$98,618.27						
STORAGE SPACE RELEASED:		2,941.69 SQ. FT.					-303,960.40			
PROCESSING COST ($)										
							306,606.99			
RECLAMATION VALUE ($)										
NET DIRECT COST ($)										
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				33.08, NET DIRECT COST =			-303,960.40, NET COST =			-602,578.67
***										
1305000284555	A775	CTG,20MM M95	P67	271417	151993	N				
INDIRECT BENEFITS							22,142.20	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$18,910.32						
PROCESSING AND STORAGE COST AVOIDED				$962.92						
				**********						
TOTAL INDIRECT BENEFITS				$19,873.24						
STORAGE SPACE RELEASED:		592.80 SQ. FT.					-12,466.18			
PROCESSING COST ($)										
							34,538.38			
RECLAMATION VALUE ($)										
NET DIRECT COST ($)										
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				13.57, NET DIRECT COST =			-12,466.18, NET COST =			-32,339.42
***										
1305000284556	A776	CTG,20MM M96	P67	5691995	3747516	N				
INDIRECT BENEFITS							13,383.99	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$456,229.03						
PROCESSING AND STORAGE COST AVOIDED				$23,740.54						
				**********						
TOTAL INDIRECT BENEFITS				$439,959.57						
STORAGE SPACE RELEASED:		14,615.33 SQ. FT.					-839,912.29			
PROCESSING COST ($)										
							853,296.28			
RECLAMATION VALUE ($)										
NET DIRECT COST ($)										
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				167.30, NET DIRECT COST =			-839,912.29, NET COST =			-1,329,881.86
***										

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC HAWTHORNE	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1305000286378 A559 CTG.50BLANK LNK	P67	334920	112384	N			PROCESSING COST ($)	
INDIRECT BENEFITS					28,078.51	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$13,981.13						
PROCESSING AND STORAGE COST AVOIDED		$711.93					RECLAMATION VALUE ($)	
		**********			64,156.70			
TOTAL INDIRECT BENEFITS		$14,693.06						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	438.28 SQ. FT.				-36,078.19			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =		22.12, NET DIRECT COST =			-36,078.19, NET COST =			-50,771.25
***								
1305000391050 A745 CTG,2044 HET	P67	175103	99308	N			PROCESSING COST ($)	
INDIRECT BENEFITS					14,284.90	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$12,416.12						
PROCESSING AND STORAGE COST AVOIDED		$632.23					RECLAMATION VALUE ($)	
		**********			18,410.33			
TOTAL INDIRECT BENEFITS		$13,048.35						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	389.22 SQ. FT.				-4,125.43			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =		8.76, NET DIRECT COST =			-4,125.43, NET COST =			-17,173.78
***								
1305000391051 A744 CTG,2044 HEI	P67	408319	232741	N			PROCESSING COST ($)	
INDIRECT BENEFITS					33,310.58	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$28,955.31						
PROCESSING AND STORAGE COST AVOIDED		$1,474.41					RECLAMATION VALUE ($)	
		**********			42,930.55			
TOTAL INDIRECT BENEFITS		$30,429.72						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	907.69 SQ. FT.				-9,619.97			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =		20.42, NET DIRECT COST =			-9,619.97, NET COST =			-40,049.69
***								

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

NSN	DODIC NOMENCLATURE	LOC HAWTHORNE	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS FURNACE	WASHOUT	DETONATION	BURNING
1305003011587	A776 CTG,20MM	M96	P67 1086404	608385	N			PROCESSING COST ($)	
INDIRECT BENEFITS						2,172.81	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED			$75,638.49						
PROCESSING AND STORAGE COST AVOIDED			$3,354.09					RECLAMATION VALUE ($)	
			**********			138,527.37			
TOTAL INDIRECT BENEFITS			$79,542.58						
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	2,372.68 SQ. FT.					-135,354.56			
PREFERRED METHOD: FURNACE	, 8-HR SHIFTS REQUIRED =		27.16,	NET DIRECT COST =		-136,354.56,	NET COST =		-215,897.14

***

NSN	DODIC NOMENCLATURE	LOC HAWTHORNE	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS FURNACE	WASHOUT	DETONATION	BURNING
1305003011665	A216 CTG,.30 BALL M2		P67 7005500	399313	M			PROCESSING COST ($)	
INDIRECT BENEFITS						11,208.80	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED			$49,679.47						
PROCESSING AND STORAGE COST AVOIDED			$2,529.69					RECLAMATION VALUE ($)	
			**********			46,236.30			
TOTAL INDIRECT BENEFITS			$52,209.16						
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	1,557.35 SQ. FT.					-35,027.50			
PREFERRED METHOD: FURNACE	, 8-HR SHIFTS REQUIRED =		145.95,	NET DIRECT COST =		-35,027.50,	NET COST =		-87,236.66

***

NSN	DODIC NOMENCLATURE	LOC HAWTHORNE	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS FURNACE	WASHOUT	DETONATION	BURNING
1305005557056	A775 CTG,20MM	M97	P67 192481	109714	N			PROCESSING COST ($)	
INDIRECT BENEFITS						394.96	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED			$13,550.33						
PROCESSING AND STORAGE COST AVOIDED			$595.08					RECLAMATION VALUE ($)	
			**********			20,237.45			
TOTAL INDIRECT BENEFITS			$14,345.41						
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	427.91 SQ. FT.					-19,852.49			
PREFERRED METHOD: FURNACE	, 8-HR SHIFTS REQUIRED =		4.81,	NET DIRECT COST =		-19,852.49,	NET COST =		-34,197.90

***

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC HAWTHORNE	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
							FURNACE	WASHOUT	DETONATION	BURNING
1305005557057 A776	CTG,20MM	M96	P67	325200	185364	N		PROCESSING COST ($)		
INDIRECT BENEFITS							650.40	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$23,050.51						
PROCESSING AND STORAGE COST AVOIDED				$1,174.26				RECLAMATION VALUE ($)		
				**********			41,466.25			
TOTAL INDIRECT BENEFITS				$24,234.77						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		722.90 SQ. FT.					-40,815.85			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				8.13, NET DIRECT COST =			-40,815.65, NET COST =			-65,050.62
***										
1305009348578 A793	CTG.20MM LNK.		P67	206670	117801	N		PROCESSING COST ($)		
INDIRECT BENEFITS							15,360.14	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$14,655.50						
PROCESSING AND STORAGE COST AVOIDED				$746.26				RECLAMATION VALUE ($)		
				**********			26,352.49			
TOTAL INDIRECT BENEFITS				$15,401.76						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		459.42 SQ. FT.					-9,492.35			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				10.33, NET DIRECT COST =			-9,492.35, NET COST =			-24,894.11
***										
1315000000495	CTG,3/50 VT		P67	10334	259383	N		PROCESSING COST ($)		
INDIRECT BENEFITS							NO CAPABILITY	35,125.27	NO CAPABILITY	33,610.61
VALUE OF STORAGE SPACE RELEASED				$32,259.40						
PROCESSING AND STORAGE COST AVOIDED				$1,643.17				RECLAMATION VALUE ($)		
				**********				52,417.36		39,785.90
TOTAL INDIRECT BENEFITS				$33,912.57						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		1,011.58 SQ. FT.						-27,292.09		-6,175.29
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				12.92, NET DIRECT COST =				-27,292.09, NET COST =		-61,204.66
***										

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC HAWTHORNE	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1315000284427 C265 CARTRIDGE,90 MI	P67	5113	211831	*			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	62,564.71	NO CAPABILITY	16,629.67
VALUE OF STORAGE SPACE RELEASED		$25,355.14						
PROCESSING AND STORAGE COST AVOIDED		$1,342.01					RECLAMATION VALUE ($)	
		**********				19,389.57		16,872.90
TOTAL INDIRECT BENEFITS		$27,697.15						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	826.18 SQ. FT.					+42,575.14		-243.23
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =		4.83, NET DIRECT COST =				-243.23, NET COST =		-27,940.38
				***				
1315000284431 C262 CARTRIDGE,90 MI	P67	4924	204867	*			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	18,074.92
VALUE OF STORAGE SPACE RELEASED		$25,489.06						
PROCESSING AND STORAGE COST AVOIDED		$1,297.91					RECLAMATION VALUE ($)	
		**********						4,098.74
TOTAL INDIRECT BENEFITS		$25,736.97						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	799.03 SQ. FT.							+13,976.18
PREFERRED METHOD: BURNING , 9-HR SHIFTS REQUIRED =		7.67, NET DIRECT COST =				+13,976.18, NET COST =		-12,810.79
				***				
1315000284482 C273 CARTRIDGE,90 MI	P67	2932	119057	*			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	4,791.60	9,860.17
VALUE OF STORAGE SPACE RELEASED		$14,312.13						
PROCESSING AND STORAGE COST AVOIDED		$754.25					RECLAMATION VALUE ($)	
		**********					5,805.69	8,467.45
TOTAL INDIRECT BENEFITS		$15,556.38						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	464.33 SQ. FT.						-2,014.09	+1,392.72
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =		3.78, NET DIRECT COST =				-2,014.09, NET COST =		-17,580.47
				***				

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC / MANHOURS	QUANTITY (EA)	WEIGHT (LBS)	SRV*	FURNACE	METHODS: WASHOUT	DETONATION	BURNING
1315000284864 C800 PROJECTILE AND	P67	1103	94357 M			PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	13,557.93	NO CAPABILITY	7,747.39
VALUE OF STORAGE SPACE RELEASED		$11,739.20						
PROCESSING AND STORAGE COST AVOIDED		$597.77				RECLAMATION VALUE ($)		
		**********				15,822.24		NONE
TOTAL INDIRECT BENEFITS		$12,336.97						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 368.00 SQ. FT.						-2,264.31		+7,747.39
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 2.77, NET DIRECT COST = -2,264.31, NET COST = -14,601.28								
***								
1315003442313 C800 PROJECTILE AND	P67	9070	772400 M			PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	5,051.99	NO CAPABILITY	3,918.24
VALUE OF STORAGE SPACE RELEASED		$96,094.28						
PROCESSING AND STORAGE COST AVOIDED		$4,893.15				RECLAMATION VALUE ($)		
		**********				129,519.60		NONE
TOTAL INDIRECT BENEFITS		$100,987.43						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 3,012.36 SQ. FT.						-124,467.61		+3,918.24
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 22.68, NET DIRECT COST = -124,467.61, NET COST = -225,455.04								
***								
1315003442314 C805 PROJ/CHG 120MM	P67	7805	595904 M			PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	95,517.34	NO CAPABILITY	54,581.35
VALUE OF STORAGE SPACE RELEASED		$85,576.92						
PROCESSING AND STORAGE COST AVOIDED		$4,408.53				RECLAMATION VALUE ($)		
		**********				111,469.68		NONE
TOTAL INDIRECT BENEFITS		$90,985.45						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 2,714.01 SQ. FT.						-15,952.34		+54,581.35
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 19.52, NET DIRECT COST = -15,952.34, NET COST = -106,937.79								
***								

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** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT SRV* (LBS)	METHODS			
	HAWTHORNE			FURNACE	WASHOUT	DETONATION	BURNING
1315005161518 CTG,3/7) MT	P67	3674	134652 M		PROCESSING COST ($)		
INDIRECT BENEFITS				NO CAPABILITY	12,487.93	NO CAPABILITY	11,949.43
VALUE OF STORAGE SPACE RELEASED		$16,752.92					
PROCESSING AND STORAGE COST AVOIDED		$853.07			RECLAMATION VALUE ($)		
		**********			2,166.67		702.95
TOTAL INDIRECT BENEFITS		$17,605.99					
					NET DIRECT COST ($)		
STORAGE SPACE RELEASED: 525.17 SQ. FT.					+10,321.26		+11,246.48
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 4.59, NET DIRECT COST = +10,321.26, NET COST = -7,284.73							
***							
1315005420418 C802 PROJ/CHG 120MM	P67	6315	694760 M		PROCESSING COST ($)		
INDIRECT BENEFITS				NO CAPABILITY	3,513.01	NO CAPABILITY	2,728.51
VALUE OF STORAGE SPACE RELEASED		$86,434.96					
PROCESSING AND STORAGE COST AVOIDED		$4,401.30			RECLAMATION VALUE ($)		
		**********			90,192.48		NONE
TOTAL INDIRECT BENEFITS		$90,836.26					
					NET DIRECT COST ($)		
STORAGE SPACE RELEASED: 2,709.56 SQ. FT.					-86,674.47		+2,728.51
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 15.79, NET DIRECT COST = -86,674.47, NET COST = -177,510.73							
***							
1315005420502 C804 PROJ/CHG 120MM	P67	21773	2395580 M		PROCESSING COST ($)		
INDIRECT BENEFITS				NO CAPABILITY	12,130.35	NO CAPABILITY	9,408.10
VALUE OF STORAGE SPACE RELEASED		$298,034.04					
PROCESSING AND STORAGE COST AVOIDED		$15,176.00			RECLAMATION VALUE ($)		
		**********			310,939.84		NONE
TOTAL INDIRECT BENEFITS		$313,210.04					
					NET DIRECT COST ($)		
STORAGE SPACE RELEASED: 9,342.76 SQ. FT.					-298,859.49		+9,408.10
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 54.45, NET DIRECT COST = -298,859.49, NET COST = -612,069.53							
***							

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*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS			
	HAWTHORNE				FURNACE	WASHOUT	DETONATION	BURNING
1315005546747 C802 PROJECTILE AND	P67	5738	615744	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	3,196.07	NO CAPABILITY	2,478.82
VALUE OF STORAGE SPACE RELEASED		$76,504.34						
PROCESSING AND STORAGE COST AVOIDED		$3,900.71				RECLAMATION VALUE ($)		
		**********				81,938.64		NONE
TOTAL INDIRECT BENEFITS		$80,505.05						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 2,401.39 SQ. FT.						-78,742.57		+2,478.82
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 14.35, NET DIRECT COST = -78,742.57, NET COST = -159,247.62								
***								
1315005557201 C140 CTG 3/50	P67	6546	162995	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	17,799.88	NO CAPABILITY	11,633.94
VALUE OF STORAGE SPACE RELEASED		$20,278.83						
PROCESSING AND STORAGE COST AVOIDED		$1,032.61				RECLAMATION VALUE ($)		
		**********				39,537.84		25,202.10
TOTAL INDIRECT BENEFITS		$21,311.44						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 635.70 SQ. FT.						-21,737.96		-13,568.16
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 6.55, NET DIRECT COST = -21,737.96, NET COST = -43,049.40								
***								
1315005557391 C136 CTG 3/50	P67	17502	435799	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	47,591.44	NO CAPABILITY	31,105.60
VALUE OF STORAGE SPACE RELEASED		$54,217.88						
PROCESSING AND STORAGE COST AVOIDED		$2,760.79				RECLAMATION VALUE ($)		
		**********				105,712.08		67,382.70
TOTAL INDIRECT BENEFITS		$56,978.67						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 1,699.62 SQ. FT.						-58,120.64		-36,277.10
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 17.50, NET DIRECT COST = -58,120.64, NET COST = -115,099.31								
***								

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** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
50,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT SRV (LBS)	METHODS	FURNACE	WASHOUT	DETONATION	BURNING
1315006339444 C802 PROJ/CHG 120MM	P67	17753	1880394 *			PROCESSING COST ($)		
INDIRECT BENEFITS				NO CAPABILITY		9,891.21	NO CAPABILITY	7,671.46
VALUE OF STORAGE SPACE RELEASED		$233,940.55						
PROCESSING AND STORAGE COST AVOIDED		$11,912.33				RECLAMATION VALUE ($)		
		**********				253,584.24		NONE
TOTAL INDIRECT BENEFITS		$245,852.89						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 7,333.56 SQ. FT.						-243,693.03		*7,671.46
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 44.40, NET DIRECT COST = -243,693.03, NET COST = -489,545.92								
***								
1315007527574 C260 CARTRIDGE,90 MI	P67	2222	92213 *			PROCESSING COST ($)		
INDIRECT BENEFITS				NO CAPABILITY		1,237.65	NO CAPABILITY	446.62
VALUE OF STORAGE SPACE RELEASED		$11,473.15						
PROCESSING AND STORAGE COST AVOIDED		$534.21				RECLAMATION VALUE ($)		
		**********				8,543.58		7,332.60
TOTAL INDIRECT BENEFITS		$12,007.35						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 359.66 SQ. FT.						-7,405.93		-6,885.98
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 5.56, NET DIRECT COST = -7,405.93, NET COST = -19,463.29								
***								
1315007527639 C807 PROJECTILE AND	P67	20342	1068971 *			PROCESSING COST ($)		
INDIRECT BENEFITS				NO CAPABILITY		248,912.85	NO CAPABILITY	142,235.94
VALUE OF STORAGE SPACE RELEASED		$132,991.74						
PROCESSING AND STORAGE COST AVOIDED		$6,771.99				RECLAMATION VALUE ($)		
		**********				299,098.27		267,128.91
TOTAL INDIRECT BENEFITS		$139,763.73						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 4,169.02 SQ. FT.						-40,185.42		-124,892.97
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 29.06, NET DIRECT COST = -124,892.97, NET COST = -264,656.70								
***								

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

AD-A053 011 JOINT CONVENTIONAL AMMUNITION PROGRAM COORDINATING GR--ETC F/G 19/1
ECONOMIC ANALYSIS FOR DEMILITARIZATION AND DISPOSAL.(U)
JAN 78 J P WATSON

UNCLASSIFIED JCAP-DM-T713 NL

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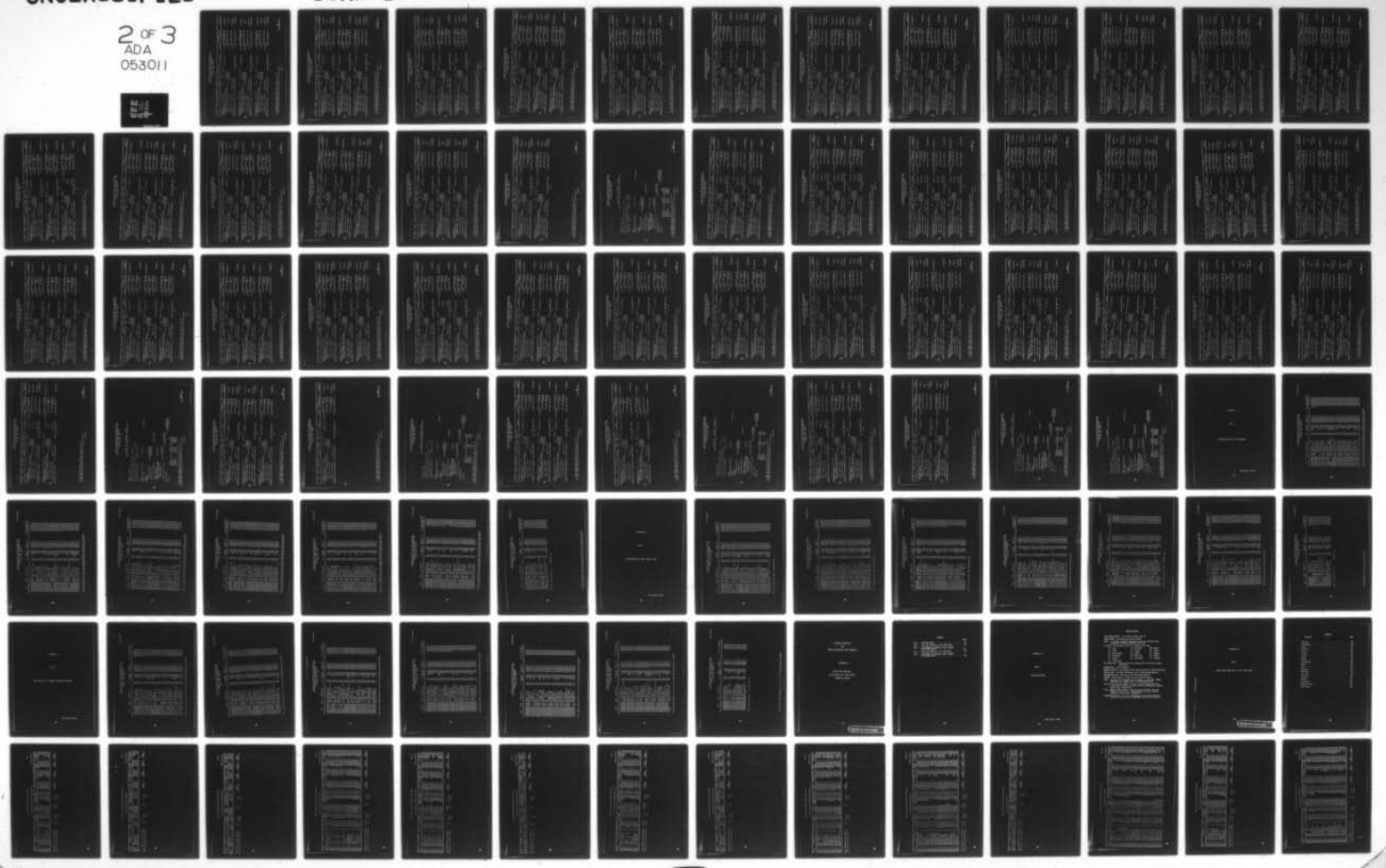

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
50,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
		HAWTHORNE					FURNACE	WASHOUT	DETONATION	BURNING
1315007553712	CTG,3/7D VT		P67	5172	189553	N		PROCESSING COST ($)		
INDIRECT BENEFITS							NO CAPABILITY	17,579.63	NO CAPABILITY	16,821.57
VALUE OF STORAGE SPACE RELEASED				$23,533.03						
PROCESSING AND STORAGE COST AVOIDED				$1,200.86				RECLAMATION VALUE ($)		
				**********				3,050.08		989.56
TOTAL INDIRECT BENEFITS				$24,733.89						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		739.26 SQ. FT.						+14,529.55		+15,832.01
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				6.47, NET DIRECT COST =				+14,529.55, NET COST =		-10,254.34
							***			
1315009261897 C801	PROJECTILE AND		P67	15423	1313422	N		PROCESSING COST ($)		
INDIRECT BENEFITS							NO CAPABILITY	188,722.00	NO CAPABILITY	107,841.16
VALUE OF STORAGE SPACE RELEASED				$163,402.65						
PROCESSING AND STORAGE COST AVOIDED				$8,320.52				RECLAMATION VALUE ($)		
				**********				220,240.44		NONE
TOTAL INDIRECT BENEFITS				$171,723.17						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		5,122.34 SQ. FT.						-31,518.44		+107,841.16
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				38.56, NET DIRECT COST =				-31,518.44, NET COST =		-203,241.61
							***			
1315009269275 C660	CARTRIDGE,105 M		P67	7437	308464	M		PROCESSING COST ($)		
INDIRECT BENEFITS							NO CAPABILITY	91,613.93	NO CAPABILITY	20,880.72
VALUE OF STORAGE SPACE RELEASED				$38,375.38						
PROCESSING AND STORAGE COST AVOIDED				$1,954.09				RECLAMATION VALUE ($)		
				**********				1,100.51		1,100.51
TOTAL INDIRECT BENEFITS				$40,329.47						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		1,202.99 SQ. FT.						+90,513.42		+19,780.21
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				9.60, NET DIRECT COST =				+19,780.21, NET COST =		-20,549.26
							***			

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC HAWTHORNE	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1315009575717 C800 PROJECTILE AND	P67	3414	337200	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	1,901.60	NO CAPABILITY	1,474.85
VALUE OF STORAGE SPACE RELEASED		$41,951.05						
PROCESSING AND STORAGE COST AVOIDED		$2,136.16				RECLAMATION VALUE ($)		
		**********				49,751.92		NONE
TOTAL INDIRECT BENEFITS		$44,087.21						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 1,915.08 SQ. FT.						-46,850.32		+1,474.85
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 8.54, NET DIRECT COST = -46,850.32, NET COST = -90,937.53								
***								
1320000284352 D545 PROJECTILE,155	P67	1923	196146	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	3,044.65	3,253.62	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$24,401.91						
PROCESSING AND STORAGE COST AVOIDED		$1,242.55				RECLAMATION VALUE ($)		
		**********				10,958.54	NONE	
TOTAL INDIRECT BENEFITS		$25,644.46						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 764.95 SQ. FT.						-2,913.88	+3,253.62	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 3.70, NET DIRECT COST = -2,913.88, NET COST = -28,558.34								
***								
1320000393336 D309 CHG,PROP 5/54	P67	15461	561978	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	52,659.73
VALUE OF STORAGE SPACE RELEASED		$69,915.87						
PROCESSING AND STORAGE COST AVOIDED		$3,560.14				RECLAMATION VALUE ($)		
		**********						108,365.89
TOTAL INDIRECT BENEFITS		$73,476.01						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 2,191.72 SQ. FT.								-55,706.16
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 24.21, NET DIRECT COST = -55,706.16, NET COST = -129,182.17								
***								

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
		HAWTHORNE					FURNACE	WASHOUT	DETONATION	BURNING
1320000394292		PROJ 5-AY,5/25	P67	5343	393788	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	52,656.76	12,099.35	11,343.14
VALUE OF STORAGE SPACE RELEASED				$43,990.11						
PROCESSING AND STORAGE COST AVOIDED				$2,494.60					RECLAMATION VALUE ($)	
				**********				NONE	NONE	NONE
TOTAL INDIRECT BENEFITS				$51,434.71						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		1,535.74 SQ. FT.						+52,656.76	+12,099.35	+11,343.14
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				10.43, NET DIRECT COST =				+11,343.14, NET COST =		-40,141.57

***

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
		HAWTHORNE					FURNACE	WASHOUT	DETONATION	BURNING
1320005297347	D487	PROJECTILE,155	P67	2247	222497	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	3,801.81	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$27,531.23						
PROCESSING AND STORAGE COST AVOIDED				$1,409.54					RECLAMATION VALUE ($)	
				**********					NONE	
TOTAL INDIRECT BENEFITS				$29,090.77						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		867.75 SQ. FT.							+3,801.81	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =				3.00, NET DIRECT COST =				+3,801.81, NET COST =		-25,288.96

***

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
		HAWTHORNE					FURNACE	WASHOUT	DETONATION	BURNING
1320005502085	D235	PROJ,5/38 HC	P67	1551	38564	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	10,483.38	2,408.85	2,258.30
VALUE OF STORAGE SPACE RELEASED				$11,017.62						
PROCESSING AND STORAGE COST AVOIDED				$561.03					RECLAMATION VALUE ($)	
				**********				2,690.80	NONE	2,690.80
TOTAL INDIRECT BENEFITS				$11,578.65						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		345.38 SQ. FT.						+7,792.58	+2,408.85	-432.50
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				2.08, NET DIRECT COST =				-432.50, NET COST =		-12,011.15

***

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*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC HAWTHORNE	QUANTITY (EA)	WEIGHT SRV (LBS)		METHODS FURNACE	WASHOUT	DETONATION	BURNING
1320006371520		PROJ S-AY,5/25	P67	2839	152596	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	17,918.32	4,117.23	3,859.90
VALUE OF STORAGE SPACE RELEASED				$13,934.97						
PROCESSING AND STORAGE COST AVOIDED				$956.72					RECLAMATION VALUE ($)	
				**********				NONE	NONE	NONE
TOTAL INDIRECT BENEFITS				$13,951.69						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		595.14 SQ. FT.						+17,918.32	+4,117.23	+3,859.90
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				3.55, NET DIRECT COST =				+3,859.90, NET COST =		-16,091.79
***										
1320006374152		PROJ,BIN AP,20	P67	1833	476580	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	33,223.62	11,630.02	8,860.98
VALUE OF STORAGE SPACE RELEASED				$59,291.25						
PROCESSING AND STORAGE COST AVOIDED				$3,019.13					RECLAMATION VALUE ($)	
				**********				11,838.61	87.25	10,298.89
TOTAL INDIRECT BENEFITS				$62,310.38						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		1,656.66 SQ. FT.						+21,390.01	+11,542.77	-1,437.91
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				6.11, NET DIRECT COST =				-1,437.91, NET COST =		-63,748.29
***										
1320007325532	D544	PROJECTILE,155	P67	31823	7740455	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	21,110.33	8,509.59	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$962,990.50						
PROCESSING AND STORAGE COST AVOIDED				$49,035.81					RECLAMATION VALUE ($)	
				**********				152,392.00	NONE	
TOTAL INDIRECT BENEFITS				$1,012,026.31						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		30,187.79 SQ. FT.						-131,781.67	+8,509.59	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				157.35, NET DIRECT COST =				-131,781.67, NET COST =		-1,143,807.98
***										

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*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
		HAWTHORNE					FURNACE	WASHOUT	DETONATION	BURNING
1325000384581	E115	BOMB,DEPTH 44 5	P67	379	124312	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	34,352.56	5,496.41	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$15,466.72						
PROCESSING AND STORAGE COST AVOIDED				$787.57					RECLAMATION VALUE ($)	
				**********				23,842.88	NONE	
TOTAL INDIRECT BENEFITS				$16,254.29						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		484.85 SQ. FT.						+10,509.68	+5,496.41	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =				3.79, NET DIRECT COST =				+5,496.41, NET COST =		-10,757.88
					***					
1325000384582	E116	BOMB,DEPTH 44 5	P67	1635	552680	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	9,436.00	1,509.76	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$68,758.86						
PROCESSING AND STORAGE COST AVOIDED				$3,501.23					RECLAMATION VALUE ($)	
				**********				106,003.32	NONE	
TOTAL INDIRECT BENEFITS				$72,260.09						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		2,155.45 SQ. FT.						-96,567.32	+1,509.76	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				70.21, NET DIRECT COST =				-96,567.32, NET COST =		-168,827.41
					***					
1325000384618	F976	FUZE,44 230-4	P67	5513	99270	N			PROCESSING COST ($)	
INDIRECT BENEFITS							349.96	NO CAPABILITY	449.96	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$12,351.36						
PROCESSING AND STORAGE COST AVOIDED				$628.94					RECLAMATION VALUE ($)	
				**********			14,758.14		NONE	
TOTAL INDIRECT BENEFITS				$12,980.30						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		387.19 SQ. FT.					-14,408.18		+449.96	
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				0.28, NET DIRECT COST =				-14,408.18, NET COST =		-27,388.48
					***					

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC HAWTHORNE	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1325000740389	E191	DISP/3DM CBJ 15	P67	1122	841500	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	6,101.88	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$104,591.02						
PROCESSING AND STORAGE COST AVOIDED				$5,330.90					RECLAMATION VALUE ($)	
				**********					12,790.80	
TOTAL INDIRECT BENEFITS				$110,021.92						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		3,281.85 SQ. FT.							-6,688.92	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =				11.22,	NET DIRECT COST =		-6,688.92,	NET COST =		-116,710.84
					***					
1325009305866	F497	CLUSTER,CHM AGT	P67	1990	93530	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	5,411.21
VALUE OF STORAGE SPACE RELEASED				$11,637.44						
PROCESSING AND STORAGE COST AVOIDED				$592.58					RECLAMATION VALUE ($)	
				**********						5,014.80
TOTAL INDIRECT BENEFITS				$12,230.02						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		364.81 SQ. FT.								+396.41
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				9.95,	NET DIRECT COST =		+396.41,	NET COST =		-11,833.61
					***					
1340000286090	H500	ROCKET,HEAT,3.5	P67	150751	1356849	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	955,548.39	NO CAPABILITY	136,649.77
VALUE OF STORAGE SPACE RELEASED				$168,304.59						
PROCESSING AND STORAGE COST AVOIDED				$9,595.58					RECLAMATION VALUE ($)	
				**********				32,902.08		32,902.08
TOTAL INDIRECT BENEFITS				$177,400.17						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		5,291.68 SQ. FT.						+923,646.31		+103,747.69
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				251.27,	NET DIRECT COST =		+103,747.69,	NET COST =		-73,652.48
					***					

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** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS			
		HAWTHORNE					FURNACE	WASHOUT	DETONATION	BURNING
1340000286092	H501	ROCKET,PRACTICE	P67	76195	682707	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	82,875.78
VALUE OF STORAGE SPACE RELEASED				$84,934.71						
PROCESSING AND STORAGE COST AVOIDED				$4,324.90					RECLAMATION VALUE ($)	
				**********						16,628.80
TOTAL INDIRECT BENEFITS				$89,259.61						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		2,662.53 SQ. FT.								+66,246.98
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				152.39, NET DIRECT COST =					+66,246.98, NET COST =	-23,012.63

***

1340000286093	H602	ROCKET,SMOKE,3.	P67	99369	890346	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	35,574.10	39,747.60
VALUE OF STORAGE SPACE RELEASED				$110,767.33						
PROCESSING AND STORAGE COST AVOIDED				$5,640.30					RECLAMATION VALUE ($)	
				**********					520.69	21,686.29
TOTAL INDIRECT BENEFITS				$116,407.63						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		3,472.33 SQ. FT.							+35,053.41	+18,061.31
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				177.44, NET DIRECT COST =					+18,061.31, NET COST =	-98,346.32

***

1340000385277	H436	PROP GR,RKT	P67	84827	93309	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	196,141.23
VALUE OF STORAGE SPACE RELEASED				$11,507.45						
PROCESSING AND STORAGE COST AVOIDED				$591.06					RECLAMATION VALUE ($)	
				**********						108,077.23
TOTAL INDIRECT BENEFITS				$12,198.51						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		363.87 SQ. FT.								+88,064.00
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				108.20, NET DIRECT COST =					+88,064.00, NET COST =	+75,865.49

***

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** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
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JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC HAWTHORNE	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1340000388341 A912 WHD,RKT 5.00 HE	P67	15705	793467	N	NO CAPABILITY	PROCESSING COST ($) 3,593.53	706.77	NO CAPABILITY
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED		$98,714.23						
PROCESSING AND STORAGE COST AVOIDED		$5,026.57						
TOTAL INDIRECT BENEFITS		$103,740.80				RECLAMATION VALUE ($) 39,013.55	NONE	
STORAGE SPACE RELEASED; 3,094.49 SQ. FT.						NET DIRECT COST ($) -35,420.02	+706.77	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 18.85, NET DIRECT COST = -35,420.02, NET COST = -139,160.82								
***								
1340000388354 A922 WHD,RKT 5.00 HE	P67	24454	1263049	N	NO CAPABILITY	PROCESSING COST ($) 73,794.38	NO CAPABILITY	NO CAPABILITY
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED		$157,134.93						
PROCESSING AND STORAGE COST AVOIDED		$8,001.36				RECLAMATION VALUE ($) 60,743.49		
TOTAL INDIRECT BENEFITS		$165,136.29						
STORAGE SPACE RELEASED; 4,925.86 SQ. FT.						NET DIRECT COST ($) +19,050.89		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 24.45, NET DIRECT COST = +19,050.89, NET COST = -146,085.40								
***								
1340000388355 A922 WHD,RKT 5.00 HE	P67	74325	3838937	N	NO CAPABILITY	PROCESSING COST ($) 460,077.94	NO CAPABILITY	NO CAPABILITY
INDIRECT BENEFITS								
VALUE OF STORAGE SPACE RELEASED		$477,502.65						
PROCESSING AND STORAGE COST AVOIDED		$24,319.68				RECLAMATION VALUE ($) 184,625.04		
TOTAL INDIRECT BENEFITS		$501,822.33						
STORAGE SPACE RELEASED; 14,971.87 SQ. FT.						NET DIRECT COST ($) +275,452.90		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 371.63, NET DIRECT COST = +275,452.90, NET COST = -226,469.43								
***								

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS	FURNACE	WASHOUT	DETONATION	BURNING
1340000388357	H922	WHD,RKT 5.00 HE	P67	3829	197767	N			PROCESSING COST ($)		
INDIRECT BENEFITS								NO CAPABILITY	12,494.18	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$24,603.19							
PROCESSING AND STORAGE COST AVOIDED				$1,252.81					RECLAMATION VALUE ($)		
TOTAL INDIRECT BENEFITS				$25,856.00					9,511.20		
									NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		771.26 SQ. FT.							+2,982.98		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				3.83, NET DIRECT COST =					+2,982.98, NET COST =		-22,873.02
***											
1340000388395	H655	RT TY22	P67	1813	93532	N			PROCESSING COST ($)		
INDIRECT BENEFITS								NO CAPABILITY	1,122.25	NO CAPABILITY	751.13
VALUE OF STORAGE SPACE RELEASED				$11,837.44							
PROCESSING AND STORAGE COST AVOIDED				$592.58					RECLAMATION VALUE ($)		
TOTAL INDIRECT BENEFITS				$12,230.02					NONE		424.24
									NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		364.81 SQ. FT.							+1,122.25		+326.89
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				1.81, NET DIRECT COST =					+326.89, NET COST =		-11,903.13
***											
1340000388444		RKT MOTOR,5.00	P67	54004	7321788	N			PROCESSING COST ($)		
INDIRECT BENEFITS								NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	182,738.94
VALUE OF STORAGE SPACE RELEASED				$910,902.59							
PROCESSING AND STORAGE COST AVOIDED				$46,333.48					RECLAMATION VALUE ($)		
TOTAL INDIRECT BENEFITS				$957,236.07							57,457.90
									NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		26,554.94 SQ. FT.									+125,281.04
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				168.01, NET DIRECT COST =					+125,281.04, NET COST =		-832,005.03
***											

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS			
	HAWTHORNE				FURNACE	WASHOUT	DETONATION	BURNING
1340001437117 4500 ROCKET,HEAT,3.5	P67	55014	492925	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	15,128.85	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$61,324.24						
PROCESSING AND STORAGE COST AVOIDED		$3,122.65				RECLAMATION VALUE ($)		
		**********				12,006.26		
TOTAL INDIRECT BENEFITS		$64,446.89						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 1,922.39 SQ. FT.						+3,122.59		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 91.69, NET DIRECT COST = +3,122.59, NET COST = -61,324.30								
***								
1340006077171 MHD,3.25 HE 2-D	P67	5893	90280	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	17,530.85	3,418.53	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$11,231.67						
PROCESSING AND STORAGE COST AVOIDED		$571.92				RECLAMATION VALUE ($)		
		**********				1,286.09	30.88	
TOTAL INDIRECT BENEFITS		$11,803.59						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 352.09 SQ. FT.						+16,244.76	+3,387.65	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 2.36, NET DIRECT COST = +3,387.65, NET COST = -8,415.94								
***								
1340008063408 4342 RKT MOTOR,JATO	P67	454	95231	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	3,364.56
VALUE OF STORAGE SPACE RELEASED		$11,348.94						
PROCESSING AND STORAGE COST AVOIDED		$603.35				RECLAMATION VALUE ($)		
		**********						668.16
TOTAL INDIRECT BENEFITS		$12,452.29						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 371.44 SQ. FT.								+2,696.40
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 3.09, NET DIRECT COST = +2,696.40, NET COST = -9,755.89								
***								

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

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                              ECONOMIC EVALUATION OF DEMILITARIZATION
                             ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
                                    USING DEC. 1976 INVENTORY
                                        80,000 LBS - OVER

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*    NSN        DODIC    NOMENCLATURE       LOC  QUANTITY  WEIGHT SRV* *                           METHODS                  *
*                                       HAWTHORNE    (EA)    (LBS)   * *    FURNACE         WASHOUT      DETONATION        BURNING  *
********************************************************************** *****************************************************
1351000721915       JMN 050  35   1      P67        560   625680 N                               PROCESSING COST ($)
  INDIRECT BENEFITS                                                    NO CAPABILITY     73,116.27      19,143.17        19,143.17
    VALUE OF STORAGE SPACE RELEASED                $77,840.79
    PROCESSING AND STORAGE COST AVOIDED             $3,963.68                                     RECLAMATION VALUE ($)
                                           *****************                             94,752.80           NONE         3,682.80
    TOTAL INDIRECT BENEFITS                        $81,804.47
                                                                                                    NET DIRECT COST ($)
    STORAGE SPACE RELEASED;        2,440.15 SQ. FT.                                     -21,646.53     +19,143.17       +15,460.37

PREFERRED METHOD: WASHOUT     , 8-HR SHIFTS REQUIRED =       36.67, NET DIRECT COST =      -21,646.53, NET COST =     -103,451.00

                                                                  ***

1351000763172       MINE       39   0    P67         58   112085 N                               PROCESSING COST ($)
  INDIRECT BENEFITS                                                    NO CAPABILITY      7,228.54       2,803.80    NO CAPABILITY
    VALUE OF STORAGE SPACE RELEASED                $13,943.81
    PROCESSING AND STORAGE COST AVOIDED               $710.03                                     RECLAMATION VALUE ($)
                                           *****************                                639.74           NONE
    TOTAL INDIRECT BENEFITS                        $14,553.84
                                                                                                    NET DIRECT COST ($)
    STORAGE SPACE RELEASED;          437.11 SQ. FT.                                      +6,588.80      +2,803.80

PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =          1.93, NET DIRECT COST =       +2,803.80, NET COST =      -11,850.04

                                                                  ***

1351000763225       MINE       39   0    P67        999  1930567 N                               PROCESSING COST ($)
  INDIRECT BENEFITS                                                    NO CAPABILITY    124,505.37      48,293.00    NO CAPABILITY
    VALUE OF STORAGE SPACE RELEASED               $240,180.84
    PROCESSING AND STORAGE COST AVOIDED            $12,230.10                                     RECLAMATION VALUE ($)
                                           *****************                             11,018.97           NONE
    TOTAL INDIRECT BENEFITS                       $252,410.94
                                                                                                    NET DIRECT COST ($)
    STORAGE SPACE RELEASED;        7,529.18 SQ. FT.                                    +113,486.40     +48,293.00

PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =         33.30, NET DIRECT COST =      +48,293.00, NET COST =     -204,117.94

                                                                  ***


    * USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
   ** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.                                                               JCAP
  *** USED ANNUAL PROCESSING AND STORAGE COSTS  OF $12.67 PER TON                                            DECISION MODELS
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ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC HAWTHORNE	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1351000930540	CASE	6 0	P67	1023	467511	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	67,998.13	92,724.72	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$58,154.23						
PROCESSING AND STORAGE COST AVOIDED				$2,951.74					RECLAMATION VALUE ($)	
				**********				NONE	5,615.27	
TOTAL INDIRECT BENEFITS				$61,125.97						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		1,823.33 SQ. FT.						+67,998.13	+87,108.45	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				34.10, NET DIRECT COST =				+67,998.13, NET COST =		+6,872.16
							***			
1351000930563	CASE	18 0	P67	490	922670	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	51,058.70	35,530.88	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$114,790.56						
PROCESSING AND STORAGE COST AVOIDED				$5,845.18					RECLAMATION VALUE ($)	
				**********				163,346.40	4,586.40	
TOTAL INDIRECT BENEFITS				$120,635.74						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		3,598.45 SQ. FT.						-102,277.70	+30,944.48	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				30.63, NET DIRECT COST =				-102,277.70, NET COST =		-222,913.44
							***			
1351000930556 R739	CASE	25 1	P67	230	403420	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	25,479.91	5,671.10	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$50,139.55						
PROCESSING AND STORAGE COST AVOIDED				$2,555.67					RECLAMATION VALUE ($)	
				**********				2,318.40	NONE	
TOTAL INDIRECT BENEFITS				$52,745.22						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		1,573.34 SQ. FT.						+23,161.51	+6,671.10	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =				4.60, NET DIRECT COST =				+6,671.10, NET COST =		-46,074.12
							***			

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
		HAWTHORNE								
1351000930519	R740	CASE	25	1	5170	9068180	N		PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	572,744.13	149,954.62	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$1,128,172.21						
PROCESSING AND STORAGE COST AVOIDED				$57,446.92				RECLAMATION VALUE ($)		
				**********				52,113.60	NONE	
TOTAL INDIRECT BENEFITS				$1,185,619.13						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		35,365.90 SQ. FT.						+520,630.53	+149,954.82	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =				103.40, NET DIRECT COST =				+149,954.82, NET COST =		-1,035,664.31

***

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1351000930623		CASE	39	0	635	1081710	N		PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	75,525.78	29,294.85	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$134,576.85						
PROCESSING AND STORAGE COST AVOIDED				$6,852.70				RECLAMATION VALUE ($)		
				**********				NONE	NONE	
TOTAL INDIRECT BENEFITS				$141,429.55						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		4,218.71 SQ. FT.						+75,525.78	+29,294.85	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =				20.20, NET DIRECT COST =				+29,294.85, NET COST =		-112,134.70

***

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1351005936859	3459	BATT CMPRT,LOD	P67	134	381248	N		PROCESSING COST ($)		
INDIRECT BENEFITS							.98	NO CAPABILITY	549.61	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$47,430.20						
PROCESSING AND STORAGE COST AVOIDED				$2,415.16				RECLAMATION VALUE ($)		
				**********			993.60		NONE	
TOTAL INDIRECT BENEFITS				$49,845.36						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		1,486.84 SQ. FT.					-992.62		+549.61	
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				0.01, NET DIRECT COST =				-992.62, NET COST =		-50,837.98

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

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DECISION MODELS

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                      ECONOMIC EVALUATION OF DEMILITARIZATION
                     ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
                           USING DEC. 1976 INVENTORY
                                80,000 LBS - OVER

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*    NSN       DODIC   NOMENCLATURE       LOC  QUANTITY  WEIGHT SRV* *                              METHODS                    *
*                                   HAWTHORNE     (EA)    (LBS)    * *     FURNACE          WASHOUT      DETONATION       BURNING  *
*************************************************************** ***************************************************************
1351007070663       CASE      50  0        P67      3549  1778238 N                              PROCESSING COST ($)
  INDIRECT BENEFITS                                                      NO CAPABILITY    274,114.81      79,742.50   NO CAPABILITY
    VALUE OF STORAGE SPACE RELEASED                 $221,230.97
    PROCESSING AND STORAGE COST AVOIDED              $11,265.15                                     RECLAMATION VALUE ($)
                                               ****************                           227,321.94           NONE
    TOTAL INDIRECT BENEFITS                        $232,496.12
                                                                                                     NET DIRECT COST ($)
   STORAGE SPACE RELEASED;         6,935.14 SQ. FT.                                       +46,792.87     +79,742.50
PREFERRED METHOD: WASHOUT    , 8-HR SHIFTS REQUIRED =      137.46, NET DIRECT COST =        +46,792.87, NET COST =       -185,703.25
                                                                ***
1351007070666 R744 CASE       36  2        P67       338   302510 N                              PROCESSING COST ($)
  INDIRECT BENEFITS                                                      NO CAPABILITY     37,444.39       9,803.62        9,803.62
    VALUE OF STORAGE SPACE RELEASED                  $37,636.58
    PROCESSING AND STORAGE COST AVOIDED               $1,916.46                                     RECLAMATION VALUE ($)
                                               ****************                             1,886.04           NONE        1,886.04
    TOTAL INDIRECT BENEFITS                         $39,553.04
                                                                                                     NET DIRECT COST ($)
   STORAGE SPACE RELEASED;         1,179.83 SQ. FT.                                       +35,558.35      +9,803.62       +7,917.58
PREFERRED METHOD: BURNING    , 8-HR SHIFTS REQUIRED =        6.76, NET DIRECT COST =         +7,917.58, NET COST =        -31,635.46
                                                                ***
1356002024908       WHD,H3K   17  3        P57       391   482494 N                              PROCESSING COST ($)
  INDIRECT BENEFITS                                                      NO CAPABILITY     35,440.24      18,901.46   NO CAPABILITY
    VALUE OF STORAGE SPACE RELEASED                  $60,027.83
    PROCESSING AND STORAGE COST AVOIDED               $3,056.64                                     RECLAMATION VALUE ($)
                                               ****************                             9,961.11           NONE
    TOTAL INDIRECT BENEFITS                         $63,084.47
                                                                                                     NET DIRECT COST ($)
   STORAGE SPACE RELEASED;         1,681.75 SQ. FT.                                       +25,479.13     +18,901.46
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =       13.03, NET DIRECT COST =        +18,901.46, NET COST =        -44,183.01
                                                                ***

    * USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
   ** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.                                                                    JCAP
  *** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON                                                 DECISION MODELS
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ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC HAWTHORNE	QUANTITY (EA)	WEIGHT SRV* (LBS)	*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1361000388134		TL ASSY,3-D,2,3	P67	13631	127867 N				PROCESSING COST ($)	
INDIRECT BENEFITS								NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	49,057.99
VALUE OF STORAGE SPACE RELEASED				$15,906.94						
PROCESSING AND STORAGE COST AVOIDED				$809.99					RECLAMATION VALUE ($)	
TOTAL INDIRECT BENEFITS				$16,716.93						NONE
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		498.65 SQ. FT.								+49,057.99

PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 54.12, NET DIRECT COST = +49,057.99, NET COST = +32,341.06

***

1361000388477		5513 WHD,DC,MK 4-D,3	P67	15065	813081 N				PROCESSING COST ($)	
INDIRECT BENEFITS								NO CAPABILITY	10,257.80	2,066.65	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$101,155.22						
PROCESSING AND STORAGE COST AVOIDED				$5,150.86					RECLAMATION VALUE ($)	
TOTAL INDIRECT BENEFITS				$106,306.08					118,205.91	NONE
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		3,171.01 SQ. FT.							-107,948.11	+2,066.65

PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 107.75, NET DIRECT COST = -107,948.11, NET COST = -214,254.19

***

1351000929993		CASE,DC,LOD 8-D	P67	9817	3043270 N				PROCESSING COST ($)	
INDIRECT BENEFITS								NO CAPABILITY	203,385.86	94,913.41	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$378,614.40						
PROCESSING AND STORAGE COST AVOIDED				$19,279.18					RECLAMATION VALUE ($)	
TOTAL INDIRECT BENEFITS				$397,893.58					713,106.89	NONE
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		11,868.79 SQ. FT.							-509,721.02	+94,913.41

PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 70.12, NET DIRECT COST = -509,721.02, NET COST = -907,614.60

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC HAWTHORNE	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
							FURNACE	WASHOUT	DETONATION	BURNING
1351000929996	S505	CASE,DC,LOD 9-4	P67	6255	2189250	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	6,036.08	3,734.24	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$272,365.71						
PROCESSING AND STORAGE COST AVOIDED				$13,868.96					RECLAMATION VALUE ($)	
				**********				NONE	NONE	
TOTAL INDIRECT BENEFITS				$286,234.67						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		8,538.11 SQ. FT.						+6,036.08	+3,734.24	

PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 41.70, NET DIRECT COST = +3,734.24, NET COST = -282,500.43

***

NSN	DODIC	NOMENCLATURE	LOC HAWTHORNE	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
							FURNACE	WASHOUT	DETONATION	BURNING
1361005409439	S526	DC,HE,7.2 MK4	P67	14845	923655	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	10,094.60	2,033.77	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$114,912.41						
PROCESSING AND STORAGE COST AVOIDED				$5,351.39					RECLAMATION VALUE ($)	
				**********				110,446.80	NONE	
TOTAL INDIRECT BENEFITS				$120,763.80						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		3,602.27 SQ. FT.						-100,352.20	+2,033.77	

PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 106.04, NET DIRECT COST = -100,352.20, NET COST = -221,116.00

***

NSN	DODIC	NOMENCLATURE	LOC HAWTHORNE	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
							FURNACE	WASHOUT	DETONATION	BURNING
1351006077174		DC,PRAC,4.00	P67	7455	186375	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	21,623.08
VALUE OF STORAGE SPACE RELEASED				$23,137.47						
PROCESSING AND STORAGE COST AVOIDED				$1,180.72					RECLAMATION VALUE ($)	
				**********						NONE
TOTAL INDIRECT BENEFITS				$24,368.19						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		726.88 SQ. FT.								+21,623.08

PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 14.91, NET DIRECT COST = +21,623.08, NET COST = -2,745.11

***

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC HAWTHORNE	QUANTITY (EA)	WEIGHT SRV* (LBS)		METHODS FURNACE	WASHOUT	DETONATION	BURNING
1365000253275	K951	WAR GAS IDSE M1	P67	2125	233860	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	7,929.98
VALUE OF STORAGE SPACE RELEASED				$29,094.40						
PROCESSING AND STORAGE COST AVOIDED				$1,481.50					RECLAMATION VALUE ($)	
				**********						NONE
TOTAL INDIRECT BENEFITS				$30,575.90						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		912.05 SQ. FT.								+7,929.98
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				14.17,		NET DIRECT COST =		+7,929.98,		NET COST = -22,645.92
***										
1376004722647		COMP A3,RECLMD	P67	1081298	1081298	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	22,869.45
VALUE OF STORAGE SPACE RELEASED				$134,524.53						
PROCESSING AND STORAGE COST AVOIDED				$6,850.04					RECLAMATION VALUE ($)	
				**********						NONE
TOTAL INDIRECT BENEFITS				$141,374.57						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		4,217.07 SQ. FT.								+22,869.45
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				18.02,		NET DIRECT COST =		+22,869.45,		NET COST = -118,505.12
***										
1376005283333		TNT,TY 1	P67	110355	110355	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	2,327.66
VALUE OF STORAGE SPACE RELEASED				$13,592.44						
PROCESSING AND STORAGE COST AVOIDED				$697.23					RECLAMATION VALUE ($)	
				**********						NONE
TOTAL INDIRECT BENEFITS				$14,289.67						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		429.23 SQ. FT.								+2,327.66
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				1.83,		NET DIRECT COST =		+2,327.66,		NET COST = -12,062.01
***										

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC HAWTHORNE	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1376006720265		TNT,RECLAIMED	P67	2372163	2372163	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	172,029.26	172,029.26
VALUE OF STORAGE SPACE RELEASED				$295,120.30						
PROCESSING AND STORAGE COST AVOIDED				$15,027.63					RECLAMATION VALUE ($)	
									NONE	NONE
TOTAL INDIRECT BENEFITS				$310,147.93						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		9,251.42 SQ. FT.							+172,029.26	+172,029.26
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =				118.61,	NET DIRECT COST =		+172,029.26,	NET COST =		-138,118.67
***										
1376009084216		HBX-1,GRD B	P67	97310	97310	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	2,058.11
VALUE OF STORAGE SPACE RELEASED				$12,107.65						
PROCESSING AND STORAGE COST AVOIDED				$616.52					RECLAMATION VALUE ($)	
										NONE
TOTAL INDIRECT BENEFITS				$12,724.17						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		379.55 SQ. FT.								+2,058.11
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				1.62,	NET DIRECT COST =		+2,058.11,	NET COST =		-10,666.06
***										

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

TOTALS FOR HAWTHORNE (P57)

NUMBER OF ITEMS 33

WEIGHT OF ITEMS FOR DEMIL (TONS) = 38,136.3

NO. OF MAN SHIFTS REQUIRED FOR DEMIL = 3,453.95

STORAGE SPACE RELEASED = 297,883.84 SQ. FT.

COST			
DIRECT COST-PROCESSING	3,429,909.89		
TOTAL COSTS			3,429,909.89
BENEFITS			
DIRECT			
RECLAMATION VALUE	5,845,171.83		
NET DIRECT COST	-2,415,261.94		
TOTAL DIRECT BENEFITS		5,845,171.83	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	9,502,494.55		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	483,870.35		
TOTAL INDIRECT BENEFITS		9,986,364.91	
TOTAL BENEFITS			15,831,536.74
NET COST			-12,401,626.85

METHOD	SHIFTS	TONS
FURNACE	482.77	3,691.7
WASHOUT	1,539.13	16,860.7
DETONATION	360.92	9,518.1
BURNING	1,091.13	8,115.8

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC MCALESTER	QUANTITY (EA)	WEIGHT SRV (LBS)	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1305004420056	PROJ 20MM SA		P66	503693	131463 N			PROCESSING COST ($)	
INDIRECT BENEFITS						42,753.21	NO CAPABILITY	73,155.94	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$15,354.81					
PROCESSING AND STORAGE COST AVOIDED				$332.80				RECLAMATION VALUE ($)	
				**********		52,957.97		30,523.61	
TOTAL INDIRECT BENEFITS				$17,137.61					
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	512.69 SQ. FT.					-10,204.76		+42,532.33	
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 28.78, NET DIRECT COST = -10,204.76, NET COST = -27,392.37									
***									
1305000286296 A525 CTG.50 AP M2			P66	9832760	2556517 N			PROCESSING COST ($)	
INDIRECT BENEFITS						933.28	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$318,056.72					
PROCESSING AND STORAGE COST AVOIDED				$16,195.55				RECLAMATION VALUE ($)	
				**********		825,951.84			
TOTAL INDIRECT BENEFITS				$334,252.27					
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	9,970.43 SQ. FT.					-824,968.56			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 148.98, NET DIRECT COST = -824,968.56, NET COST = -1,159,220.83									
***									
1305000285427 A570 CTG.50 TR M17			P68	1193460	297169 N			PROCESSING COST ($)	
INDIRECT BENEFITS						119.35	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$35,959.55					
PROCESSING AND STORAGE COST AVOIDED				$1,382.51				RECLAMATION VALUE ($)	
				**********		35,409.66			
TOTAL INDIRECT BENEFITS				$38,852.06					
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	1,158.92 SQ. FT.					-35,290.31			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 18.08, NET DIRECT COST = -35,290.31, NET COST = -74,142.37									
***									

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
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*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
50,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC MCALESTER	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS FURNACE	WASHOUT	DETONATION	BURNING
1305000391046	A746	CTG,20MM HEI-DI	P68	194019	110590	N			PROCESSING COST ($)	
INDIRECT BENEFITS							16,468.33	NO CAPABILITY	28,179.32	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$13,759.75						
PROCESSING AND STORAGE COST AVOIDED				$700.65					RECLAMATION VALUE ($)	
				**********			20,399.16		11,757.55	
TOTAL INDIRECT BENEFITS				$14,460.40						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	431.34 SQ. FT.						-3,930.83		+15,421.77	
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				11.09, NET DIRECT COST =			-3,930.83, NET COST =			-18,391.23
***										
1305000391050	A745	CTG,20MM HEI	P68	2569808	1464220	N			PROCESSING COST ($)	
INDIRECT BENEFITS							219,040.42	NO CAPABILITY	373,093.67	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$182,153.67						
PROCESSING AND STORAGE COST AVOIDED				$9,275.83					RECLAMATION VALUE ($)	
				**********			270,084.47		155,669.76	
TOTAL INDIRECT BENEFITS				$191,429.50						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	5,710.46 SQ. FT.						-52,044.05		+217,423.91	
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				146.79, NET DIRECT COST =			-52,044.05, NET COST =			-243,483.55
***										
1305000391051	A744	CTG,20MM HEI	P68	591060	336904	N			PROCESSING COST ($)	
INDIRECT BENEFITS							50,169.17	NO CAPABILITY	62,433.67	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$41,913.73						
PROCESSING AND STORAGE COST AVOIDED				$2,134.26					RECLAMATION VALUE ($)	
				**********			52,144.05		35,818.24	
TOTAL INDIRECT BENEFITS				$44,047.99						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	1,313.91 SQ. FT.						-11,974.88		+26,615.43	
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				33.77, NET DIRECT COST =			-11,974.88, NET COST =			-56,022.87
***										

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
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*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS			
			MCALESTER				FURNACE	WASHOUT	DETONATION	BURNING
1305002942234	CTG,20MM HE		P68	3827253	2181542	N			PROCESSING COST ($)	
INDIRECT BENEFITS							324,858.51	NO CAPABILITY	555,872.40	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$271,405.52						
PROCESSING AND STORAGE COST AVOIDED				$13,820.06					RECLAMATION VALUE ($)	
				**********			402,398.96		231,932.44	
TOTAL INDIRECT BENEFITS				$285,225.58						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	8,509.01 SQ. FT.						-77,540.45		+323,939.96	
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 218.70, NET DIRECT COST = -77,540.45, NET COST = -362,766.03										
***										
1305003011642 A562 CTG.50 INC W1			P66	804320	195449	N			PROCESSING COST ($)	
INDIRECT BENEFITS							19,135.24	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$24,314.82						
PROCESSING AND STORAGE COST AVOIDED				$1,238.11					RECLAMATION VALUE ($)	
				**********			23,719.40			
TOTAL INDIRECT BENEFITS				$25,552.93						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	762.22 SQ. FT.						-5,614.16			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 12.19, NET DIRECT COST = -5,614.16, NET COST = -31,167.09										
***										
1305003050908 A230 CTG,.30 TRA M25			P68	1526730	95499	N			PROCESSING COST ($)	
INDIRECT BENEFITS							1,068.75	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$10,537.06						
PROCESSING AND STORAGE COST AVOIDED				$541.64					RECLAMATION VALUE ($)	
				**********			10,511.12			
TOTAL INDIRECT BENEFITS				$11,178.70						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	333.45 SQ. FT.						-9,542.37			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 15.27, NET DIRECT COST = -9,542.37, NET COST = -20,721.07										
***										

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** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY	WEIGHT SRV		METHODS		
	MCALESTER	(EA)	(LBS)		FURNACE	WASHOUT	DETONATION	BURNING
1315DDA420120 PROJ.80MM,HE AB	P68	46206	1924100	*		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	127,021.39	1,164,363.34	751,413.00
VALUE OF STORAGE SPACE RELEASED		$239,377.28						
PROCESSING AND STORAGE COST AVOIDED		$12,139.17				RECLAMATION VALUE ($)		
		**********				374,237.45	241,874.55	317,476.50
TOTAL INDIRECT BENEFITS		$251,566.45						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 7,503.99 SQ. FT.						-247,215.06	+922,893.79	+433,936.50
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 64.14, NET DIRECT COST = -247,216.06, NET COST = -498,782.51								
***								
1315DDA420122 PROJ.90MM TNT	P68	7147	142940	*		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	9,436.33	85,499.71	38,372.67
VALUE OF STORAGE SPACE RELEASED		$17,783.29						
PROCESSING AND STORAGE COST AVOIDED		$905.52				RECLAMATION VALUE ($)		
		**********				27,801.83	17,938.97	23,585.10
TOTAL INDIRECT BENEFITS		$18,688.81						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 557.47 SQ. FT.						-18,365.50	+68,560.74	+14,787.57
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 4.76, NET DIRECT COST = -18,365.50, NET COST = -37,054.31								
***								
1315DDA420147 PROJ, SA 120MM	P68	9180	426005	*		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	331,499.34	100,150.90
VALUE OF STORAGE SPACE RELEASED		$52,998.66						
PROCESSING AND STORAGE COST AVOIDED		$2,698.71				RECLAMATION VALUE ($)		
		**********					NONE	NONE
TOTAL INDIRECT BENEFITS		$55,697.37						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 1,661.40 SQ. FT.							+331,499.34	+100,150.90
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 27.58, NET DIRECT COST = +100,150.90, NET COST = +44,453.53								
***								

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC / SCALESTER	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1315DDA42D149 PROJ, SA, 122MM	P68	14463	675076	4		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	26,048.77	525,315.72	158,705.71
VALUE OF STORAGE SPACE RELEASED		$33,936.64						
PROCESSING AND STORAGE COST AVOIDED		$4,276.63				RECLAMATION VALUE ($)		
		**********				206,503.04	NONE	NONE
TOTAL INDIRECT BENEFITS		$38,253.27						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 2,632.81 SQ. FT.						-180,554.27	+525,315.72	+158,705.71
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 13.15, NET DIRECT COST = -180,554.27, NET COST = -268,817.54								
***								
1315DD0284740 C292 CARTRIDGE,90 MI	P68	6912	286364	4		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	9,126.05	83,655.52	53,986.45
VALUE OF STORAGE SPACE RELEASED		$35,625.92						
PROCESSING AND STORAGE COST AVOIDED		$1,814.09				RECLAMATION VALUE ($)		
		**********				20,579.24	16,610.50	20,579.24
TOTAL INDIRECT BENEFITS		$37,440.01						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 1,116.80 SQ. FT.						-11,453.19	+67,045.02	+33,407.21
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 4.61, NET DIRECT COST = -11,453.19, NET COST = -48,893.20								
***								
1315DD3442313 C800 PROJECTILE AND	P68	10323	922112	4		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	5,543.94	34,649.60	7,189.79
VALUE OF STORAGE SPACE RELEASED		$114,721.01						
PROCESSING AND STORAGE COST AVOIDED		$5,841.63				RECLAMATION VALUE ($)		
		**********				154,623.84	NONE	NONE
TOTAL INDIRECT BENEFITS		$120,562.64						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 3,596.27 SQ. FT.						-149,079.90	+34,649.60	+7,189.79
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 13.54, NET DIRECT COST = -149,079.90, NET COST = -269,642.54								
***								

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** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY	WEIGHT	SRV	METHODS			
	MCALESTER	(EA)	(LBS)		FURNACE	WASHOUT	DETONATION	BURNING
1315003927589 C807 PROJECTILE,ANTI	P68	11323	595286	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	20,395.38	411,306.09	124,261.70
VALUE OF STORAGE SPACE RELEASED		$74,038.72						
PROCESSING AND STORAGE COST AVOIDED		$3,771.10				RECLAMATION VALUE ($)		
		**********				160,992.29	139,586.75	148,758.05
TOTAL INDIRECT BENEFITS		$77,829.82						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED:	2,921.59 SQ. FT.					-140,596.91	+272,719.34	-24,496.35
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =		10.30, NET DIRECT COST =				-140,596.91, NET COST =		-218,426.73
					***			
1315003926897 C807 PROJECTILE,ANTI	P68	6995	594842	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	12,576.07	253,616.97	76,621.47
VALUE OF STORAGE SPACE RELEASED		$74,004.17						
PROCESSING AND STORAGE COST AVOIDED		$3,768.31				RECLAMATION VALUE ($)		
		**********				99,745.80	NONE	NONE
TOTAL INDIRECT BENEFITS		$77,772.48						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED:	2,319.88 SQ. FT.					-87,169.73	+253,616.97	+76,621.47
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =		6.35, NET DIRECT COST =				-87,169.73, NET COST =		-164,942.21
					***			
1320003939990 D931 PROJ,3/55 HSI	P68	1459	115592	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	1,998.09	20,605.24	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$14,331.89						
PROCESSING AND STORAGE COST AVOIDED		$732.93				RECLAMATION VALUE ($)		
		**********				5,239.44	NONE	
TOTAL INDIRECT BENEFITS		$15,114.13						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED:	490.84 SQ. FT.					-4,291.35	+20,605.24	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =		1.51, NET DIRECT COST =				-4,291.35, NET COST =		-19,405.48
					***			

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC MCALESTER	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1320000398808	D508	CHG,PROP 8/55	P68	1813	85211	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	7,915.81
VALUE OF STORAGE SPACE RELEASED				$10,502.26						
PROCESSING AND STORAGE COST AVOIDED				$639.87					RECLAMATION VALUE ($)	
				**********						4.31
TOTAL INDIRECT BENEFITS				$11,142.15						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		332.36 SQ. FT.								+7,911.50
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				9.59, NET DIRECT COST =				+7,911.50, NET COST =		-3,230.65
				***						
1320000394764	PROJ S AY,8/55		P68	976	251925	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	4,295.44	44,296.74	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$31,341.43						
PROCESSING AND STORAGE COST AVOIDED				$1,595.91					RECLAMATION VALUE ($)	
				**********				13,520.91	NONE	
TOTAL INDIRECT BENEFITS				$32,937.34						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		982.49 SQ. FT.						-9,225.47	+44,296.74	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				3.25, NET DIRECT COST =				-9,225.47, NET COST =		-42,162.81
				***						
1320000399784	D845	CHG,PROP 15/50	P68	557	90720	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	24,625.71
VALUE OF STORAGE SPACE RELEASED				$11,236.54						
PROCESSING AND STORAGE COST AVOIDED				$574.71					RECLAMATION VALUE ($)	
				**********						NONE
TOTAL INDIRECT BENEFITS				$11,851.25						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		353.61 SQ. FT.								+24,625.71
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				29.84, NET DIRECT COST =				+24,625.71, NET COST =		+12,764.46
				***						

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
MCALESTER					FURNACE	WASHOUT	DETONATION	BURNING
1320002364309 D394 PROJ,5/47 AP	P68	4791	622830	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	21,085.53	86,977.73	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$77,437.55						
PROCESSING AND STORAGE COST AVOIDED		3,945.59				RECLAMATION VALUE ($)		
		**********				12,569.14	NONE	
TOTAL INDIRECT BENEFITS		$81,433.34						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 2,429.08 SQ. FT.						+8,516.39	+86,977.73	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 15.97, NET DIRECT COST = +8,516.39, NET COST = -72,916.95								
***								
1320005297331 D544 PROJECTILE,155	P68	19680	1861728	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	10,076.15	64,156.80	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$231,616.65						
PROCESSING AND STORAGE COST AVOIDED		$11,794.00				RECLAMATION VALUE ($)		
		**********				36,773.46	NONE	
TOTAL INDIRECT BENEFITS		$243,410.65						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 7,260.71 SQ. FT.						-26,697.30	+64,156.80	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 24.60, NET DIRECT COST = -26,697.30, NET COST = -270,107.95								
***								
1320005297347 D487 PROJECTILE,155	P68	13515	1348256	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	274,655.96	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$157,736.90						
PROCESSING AND STORAGE COST AVOIDED		8,541.23				RECLAMATION VALUE ($)		
		**********				NONE		
TOTAL INDIRECT BENEFITS		$176,278.13						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 5,258.21 SQ. FT.						+274,655.96		
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 151.29, NET DIRECT COST = +274,655.96, NET COST = +98,377.83								
***								

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
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JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
		MCALESTER					FURNACE	WASHOUT	DETONATION	BURNING
1320005409634	D394	PROJ,5/47 AP	P68	3232	420160	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	1,654.78	10,536.32	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$52,271.98						
PROCESSING AND STORAGE COST AVOIDED				$2,551.71				RECLAMATION VALUE ($)		
				**********				8,479.12	NONE	
TOTAL INDIRECT BENEFITS				$54,933.69						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		1,638.62 SQ. FT.						-5,324.34	+10,536.32	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				4.04,	NET DIRECT COST =			-6,824.34,	NET COST =	-61,758.03

***

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
		MCALESTER					FURNACE	WASHOUT	DETONATION	BURNING
1320005409661	D394	PROJ,6/47 AP	P68	2053	266890	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	1,051.14	5,692.78	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$33,205.03						
PROCESSING AND STORAGE COST AVOIDED				$1,630.81				RECLAMATION VALUE ($)		
				**********				5,386.02	NONE	
TOTAL INDIRECT BENEFITS				$34,835.84						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		1,040.91 SQ. FT.						-4,334.88	+5,692.78	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				2.57,	NET DIRECT COST =			-4,334.88,	NET COST =	-39,230.72

***

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS			
		MCALESTER					FURNACE	WASHOUT	DETONATION	BURNING
1320005551255	D402	PROJ,5/47 MC	P68	7921	828378	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	34,860.88	143,801.00	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$103,058.59						
PROCESSING AND STORAGE COST AVOIDED				$5,247.79				RECLAMATION VALUE ($)		
				**********				20,780.66	NONE	
TOTAL INDIRECT BENEFITS				$108,306.48						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		3,230.68 SQ. FT.						+14,080.22	+143,801.00	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				26.40,	NET DIRECT COST =			+14,080.22,	NET COST =	-94,226.26

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC MCALESTER	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1320005557741	D394	PROJ,5/47 AP	P68	2252	292760	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	1,153.02	7,341.52	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$35,422.14						
PROCESSING AND STORAGE COST AVOIDED				$1,854.63				RECLAMATION VALUE ($)		
				**********				5,908.10	NONE	
TOTAL INDIRECT BENEFITS				$38,276.77						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;	1,141.75 SQ. FT.							-4,755.08	+7,341.52	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 2.82, NET DIRECT COST = -4,755.08, NET COST = -43,031.85										
***										
1320005557743	D394	PROJ,6/47 AP	P68	2014	261820	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	1,031.17	6,565.64	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$32,573.09						
PROCESSING AND STORAGE COST AVOIDED				$1,658.63				RECLAMATION VALUE ($)		
				**********				5,283.71	NONE	
TOTAL INDIRECT BENEFITS				$34,231.72						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;	1,021.10 SQ. FT.							-4,252.54	+6,565.64	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 2.52, NET DIRECT COST = -4,252.54, NET COST = -38,484.26										
***										
1325000740389	E191	DISP/3D4 CBJ 15	P68	2752	2071500	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	501,424.53	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$257,715.32						
PROCESSING AND STORAGE COST AVOIDED				$13,122.95				RECLAMATION VALUE ($)		
				**********					31,486.80	
TOTAL INDIRECT BENEFITS				$270,838.27						
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;	8,078.85 SQ. FT.								+469,937.73	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 276.20, NET DIRECT COST = +469,937.73, NET COST = +199,099.46										
***										

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JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC / QUANTITY / WEIGHT SRV*	METHODS			
	MCALESTER (EA) (LBS)	FURNACE	WASHOUT	DETONATION	BURNING
1325002944152 E480 BOMB,GP 82-0,1	P66 5822 2881890 N			PROCESSING COST ($)	
INDIRECT BENEFITS			NO CAPABILITY	NO CAPABILITY 1,056,949.17	640,575.27
VALUE OF STORAGE SPACE RELEASED	$358,537.18				
PROCESSING AND STORAGE COST AVOIDED	$18,256.84			RECLAMATION VALUE ($)	
	**********			NONE	28,294.80
TOTAL INDIRECT BENEFITS	$376,794.02				
				NET DIRECT COST ($)	
STORAGE SPACE RELEASED; 11,239.41 SQ. FT.				+1,056,949.17	+612,280.47
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 485.17, NET DIRECT COST = +612,280.47, NET COST = +235,486.45					
***					
1325004041726 E487 BOMB,GP 82 1	P68 292 144540 N			PROCESSING COST ($)	
INDIRECT BENEFITS			NO CAPABILITY	NO CAPABILITY 53,010.85	32,127.79
VALUE OF STORAGE SPACE RELEASED	$17,982.35				
PROCESSING AND STORAGE COST AVOIDED	$915.66			RECLAMATION VALUE ($)	
	**********			NONE	1,781.78
TOTAL INDIRECT BENEFITS	$18,898.01				
				NET DIRECT COST ($)	
STORAGE SPACE RELEASED; 563.71 SQ. FT.				+53,010.85	+30,346.01
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 24.33, NET DIRECT COST = +30,346.01, NET COST = +11,448.00					
***					
1325004601305 E485 BOMB,GP,MK 82-1	P68 2748 1360260 N			PROCESSING COST ($)	
INDIRECT BENEFITS			NO CAPABILITY	NO CAPABILITY 498,882.91	302,353.29
VALUE OF STORAGE SPACE RELEASED	$169,229.82				
PROCESSING AND STORAGE COST AVOIDED	$8,517.25			RECLAMATION VALUE ($)	
	**********			NONE	16,768.30
TOTAL INDIRECT BENEFITS	$177,847.07				
				NET DIRECT COST ($)	
STORAGE SPACE RELEASED; 5,305.01 SQ. FT.				+498,882.91	+285,584.99
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 229.00, NET DIRECT COST = +285,584.99, NET COST = +107,737.92					
***					

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DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / NOMENCLATURE	DODIC / SCALESTER	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1325003403724 E480 BOMB,GP MK 82-1		P68	162	80190	N			PROCESSING COST ($)	
INDIRECT BENEFITS						NO CAPABILITY	NO CAPABILITY	7,144.20	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED			$9,977.68						
PROCESSING AND STORAGE COST AVOIDED			$508.07					RECLAMATION VALUE ($)	
TOTAL INDIRECT BENEFITS			$10,485.75					NONE	
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	312.78 SQ. FT.							+7,144.20	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =			9.00, NET DIRECT COST =				+7,144.20, NET COST =		-3,341.55
***									
1330000265825 G800 ADPTR,GREN,M1A1		P68	224285	85228	M			PROCESSING COST ($)	
INDIRECT BENEFITS						1,794.29	NO CAPABILITY	2,153.15	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED			$10,602.28						
PROCESSING AND STORAGE COST AVOIDED			$539.87					RECLAMATION VALUE ($)	
TOTAL INDIRECT BENEFITS			$11,142.15			1,552.06		1,552.06	
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	332.36 SQ. FT.					+242.23		+601.09	
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =			2.24, NET DIRECT COST =				+242.23, NET COST =		-10,899.92
***									
1340004420240 MHD RKT 5.0 HE		P68	9705	280115	N			PROCESSING COST ($)	
INDIRECT BENEFITS						NO CAPABILITY	24,028.17	195,785.16	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED			$34,349.79						
PROCESSING AND STORAGE COST AVOIDED			$1,774.56					RECLAMATION VALUE ($)	
TOTAL INDIRECT BENEFITS			$36,524.35				24,109.61	NONE	
								NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	1,092.47 SQ. FT.						-81.44	+195,785.16	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =			12.13, NET DIRECT COST =				-81.44, NET COST =		-36,705.79
***									

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JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT SRV* (LBS)	*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1340000286090 H600 ROCKET,HEAT,3.5	P68	238678	2130102 M				PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	781,226.74	550,865.68	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$265,005.74						
PROCESSING AND STORAGE COST AVOIDED		$13,494.18				RECLAMATION VALUE ($)		
		**********				51,552.61	1,240.19	
TOTAL INDIRECT BENEFITS		$278,499.92						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 8,307.39 SQ. FT.						+729,574.13	+549,625.49	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 303.43, NET DIRECT COST = +549,625.49, NET COST = +271,125.57								
***								
1340000286092 H601 ROCKET,PRACTICE	P68	105606	946229 M				PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	21,332.41
VALUE OF STORAGE SPACE RELEASED		$117,719.29						
PROCESSING AND STORAGE COST AVOIDED		$5,994.30				RECLAMATION VALUE ($)		
		**********						23,047.45
TOTAL INDIRECT BENEFITS		$123,713.59						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 3,690.26 SQ. FT.								-1,715.04
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 88.01, NET DIRECT COST = -1,715.04, NET COST = -125,428.63								
***								
1340000286093 H602 ROCKET,SMOKE,3.	P68	131915	1191957 M				PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	263,830.00	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$147,047.52						
PROCESSING AND STORAGE COST AVOIDED		$7,487.72				RECLAMATION VALUE ($)		
		**********					691.23	
TOTAL INDIRECT BENEFITS		$154,535.24						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 4,609.64 SQ. FT.							+263,138.77	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 206.12, NET DIRECT COST = +263,138.77, NET COST = +108,603.53								
***								

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JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS			
	MCALESTER				FURNACE	WASHOUT	DETONATION	BURNING
1340000388344 H915 MRHD 7	P68	4215	83940	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	21,585.92	23,188.00	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$10,443.10						
PROCESSING AND STORAGE COST AVOIDED		$531.76				RECLAMATION VALUE ($)		
		**********				4,173.84	NONE	
TOTAL INDIRECT BENEFITS		$10,974.86						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 327.37 SQ. FT.						+17,412.08	+23,188.00	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 5.27, NET DIRECT COST = +17,412.08, NET COST = +6,437.22								
***								
1340000388345 H900 MRHD 10	P68	6823	197056	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	35,593.08	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$24,516.11						
PROCESSING AND STORAGE COST AVOIDED		$1,248.38				RECLAMATION VALUE ($)		
		**********				18,722.38		
TOTAL INDIRECT BENEFITS		$25,764.49						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 768.53 SQ. FT.						+17,875.70		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 37.93, NET DIRECT COST = +17,875.70, NET COST = -7,888.79								
***								
1340000388346 H900 MRHD 10	P68	27543	794948	N		PROCESSING COST ($)		
INDIRECT BENEFITS					NO CAPABILITY	141,030.40	151,497.50	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$98,998.61						
PROCESSING AND STORAGE COST AVOIDED		$5,035.94				RECLAMATION VALUE ($)		
		**********				75,528.39	NONE	
TOTAL INDIRECT BENEFITS		$104,934.55						
						NET DIRECT COST ($)		
STORAGE SPACE RELEASED; 3,100.27 SQ. FT.						+65,502.01	+151,497.50	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 34.43, NET DIRECT COST = +65,502.01, NET COST = -38,432.54								
***								

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC MCALESTER	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1340000388348	H901	WRHD	10	P68	27334	843253	N		PROCESSING COST ($)		
INDIRECT BENEFITS							NO CAPABILITY	139,950.08	150,337.00	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$104,909.85						
PROCESSING AND STORAGE COST AVOIDED				5,342.05				RECLAMATION VALUE ($)		
TOTAL INDIRECT BENEFITS				$110,251.90				74,949.83	NONE	
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		3,288.71 SQ. FT.						+65,000.25	+150,337.00	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 34.17, NET DIRECT COST = +65,000.25, NET COST = -45,251.65										

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NSN	DODIC	NOMENCLATURE	LOC MCALESTER	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1340000388349	H902	WRHD	12	P68	8715	289338	N		PROCESSING COST ($)		
INDIRECT BENEFITS							NO CAPABILITY	44,520.80	47,932.50	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$35,996.92						
PROCESSING AND STORAGE COST AVOIDED				1,832.97				RECLAMATION VALUE ($)		
TOTAL INDIRECT BENEFITS				$37,829.89				28,707.21	NONE	
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		1,126.43 SQ. FT.						+15,813.59	+47,932.50	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 10.89, NET DIRECT COST = +15,813.59, NET COST = -21,916.30										

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NSN	DODIC	NOMENCLATURE	LOC MCALESTER	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1340000388350	H902	WRHD	12	P68	54545	1810892	N		PROCESSING COST ($)		
INDIRECT BENEFITS							NO CAPABILITY	279,270.40	299,997.50	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$225,294.07						
PROCESSING AND STORAGE COST AVOIDED				11,472.05				RECLAMATION VALUE ($)		
TOTAL INDIRECT BENEFITS				$236,766.12				179,671.23	NONE	
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		7,062.51 SQ. FT.						+99,599.17	+299,997.50	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 68.18, NET DIRECT COST = +99,599.17, NET COST = -137,166.95										

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC MCALESTER	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1340000388351	4915	WRHD	B	P68	20435	436329	N			
INDIRECT BENEFITS							NO CAPABILITY	PROCESSING COST ($) 104,883.20	112,667.50	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED					$54,232.64					
PROCESSING AND STORAGE COST AVOIDED					$2,754.09					
					**********			RECLAMATION VALUE ($)		
TOTAL INDIRECT BENEFITS					$57,046.73			NONE	NONE	
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		1,701.65 SQ. FT.						+104,838.20	+112,667.50	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 25.61, NET DIRECT COST = +104,883.20, NET COST = +47,836.47										
***										
1340000389146		IGNR	117 2	P68	96935	1163232	N			
INDIRECT BENEFITS							3,339.63	NO CAPABILITY	NO CAPABILITY	5,714.38
VALUE OF STORAGE SPACE RELEASED					$144,718.82					
PROCESSING AND STORAGE COST AVOIDED					$7,359.13			RECLAMATION VALUE ($)		
					**********		872.42			872.42
TOTAL INDIRECT BENEFITS					$152,037.95					
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		4,536.64 SQ. FT.					+2,967.21			+4,841.96
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 2.58, NET DIRECT COST = +2,967.21, NET COST = -149,120.74										
***										
1340000389148		IGNR	118 1	P68	17551	210732	N			
INDIRECT BENEFITS							695.59	NO CAPABILITY	NO CAPABILITY	1,035.22
VALUE OF STORAGE SPACE RELEASED					$26,218.29					
PROCESSING AND STORAGE COST AVOIDED					$1,335.04			RECLAMATION VALUE ($)		
					**********		158.05			158.05
TOTAL INDIRECT BENEFITS					$27,553.33					
								NET DIRECT COST ($)		
STORAGE SPACE RELEASED;		821.89 SQ. FT.					+537.54			+877.17
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED = 0.47, NET DIRECT COST = +537.54, NET COST = -27,015.79										
***										

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
30,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC MCALESTER	QUANTITY (EA)	WEIGHT SRV (LBS)		METHODS FURNACE	WASHOUT	DETONATION	BURNING
1340000389149	IGNR	118 2	P68	33295	399540	N			PROCESSING COST ($)	
INDIRECT BENEFITS							1,318.81	NO CAPABILITY	NO CAPABILITY	1,962.74
VALUE OF STORAGE SPACE RELEASED				$49,705.93						
PROCESSING AND STORAGE COST AVOIDED				$2,531.09					RECLAMATION VALUE ($)	
				**********			299.66			299.66
TOTAL INDIRECT BENEFITS				$52,237.99						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	1,558.21 SQ. FT.						+1,019.15			+1,663.08
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				0.89, NET DIRECT COST =			+1,019.15, NET COST =			-51,218.84
				***						
1340007660633 M918 WRHD		10 9	P68	18112	547525	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	37,080.32	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$68,117.03						
PROCESSING AND STORAGE COST AVOIDED				$3,458.54					RECLAMATION VALUE ($)	
				**********				49,663.10		
TOTAL INDIRECT BENEFITS				$71,575.57						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	2,135.33 SQ. FT.							+47,417.22		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				100.62, NET DIRECT COST =				+47,417.22, NET COST =		-24,160.35
				***						
1340007369415	R4	22 0	P69	37033	205533	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	1,273.56
VALUE OF STORAGE SPACE RELEASED				$25,571.36						
PROCESSING AND STORAGE COST AVOIDED				$1,302.10					RECLAMATION VALUE ($)	
				**********						155.91
TOTAL INDIRECT BENEFITS				$26,873.46						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	801.61 SQ. FT.									+1,117.65
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				1.54, NET DIRECT COST =				+1,117.65, NET COST =		-25,755.81
				***						

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS			
		MCALESTER					FURNACE	WASHOUT	DETONATION	BURNING
1340008116666	PROP GR 18 D		P68	275000	6600000	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	141,201.50
VALUE OF STORAGE SPACE RELEASED				$821,106.00						
PROCESSING AND STORAGE COST AVOIDED				$41,811.00					RECLAMATION VALUE ($)	
				**********						NONE
TOTAL INDIRECT BENEFITS				$862,917.00						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		25,740.00 SQ. FT.								+141,201.50
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				122.22, NET DIRECT COST =				+141,201.50, NET COST =		-721,715.50
					***					
1340008574862	IGNR 120		P68	122705	1472460	N			PROCESSING COST ($)	
INDIRECT BENEFITS							4,850.35	NO CAPABILITY	NO CAPABILITY	7,233.46
VALUE OF STORAGE SPACE RELEASED				$183,198.62						
PROCESSING AND STORAGE COST AVOIDED				$9,328.03					RECLAMATION VALUE ($)	
				**********			1,104.35			1,104.35
TOTAL INDIRECT BENEFITS				$192,526.65						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		5,742.59 SQ. FT.					+3,756.00			+6,129.11
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				3.27, NET DIRECT COST =				+3,756.00, NET COST =		-188,760.65
					***					
1340009303489 4553 RT TY21			P68	1593	89537	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	8,593.75	4,975.14	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$11,152.24						
PROCESSING AND STORAGE COST AVOIDED				$567.87					RECLAMATION VALUE ($)	
				**********				5,145.77	520.42	
TOTAL INDIRECT BENEFITS				$11,720.11						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		349.60 SQ. FT.						+3,547.99	+4,454.72	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED =				2.12, NET DIRECT COST =				+3,547.99, NET COST =		-8,172.12
					***					

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JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY	WEIGHT	SRV	METHODS			
		MCALESTER		(EA)	(LBS)		FURNACE	WASHOUT	DETONATION	BURNING
1340000348875	4937	WRHD	1D	P68	3551	104729	N			
INDIRECT BENEFITS							NO CAPABILITY	PROCESSING COST ($) 18,232.32	19,585.50	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$13,029.28						
PROCESSING AND STORAGE COST AVOIDED				$553.40				RECLAMATION VALUE ($)		
TOTAL INDIRECT BENEFITS				$13,591.68				9,764.26	NONE	
STORAGE SPACE RELEASED;		408.41 SQ. FT.						NET DIRECT COST ($) +8,468.06	+19,585.50	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 4.45, NET DIRECT COST = +8,468.06, NET COST = -5,223.62										
***										
1340009970314	4935	WRHD	7	P68	20549	431529	N			
INDIRECT BENEFITS							NO CAPABILITY	PROCESSING COST ($) 105,210.88	113,019.50	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$53,585.47						
PROCESSING AND STORAGE COST AVOIDED				$2,733.68				RECLAMATION VALUE ($)		
TOTAL INDIRECT BENEFITS				$55,419.15				19,381.61	NONE	
STORAGE SPACE RELEASED;		1,682.93 SQ. FT.						NET DIRECT COST ($) +85,829.27	+113,019.50	
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 25.69, NET DIRECT COST = +85,829.27, NET COST = +29,410.12										
***										
1351000930619	8740	CASE	25 1	P68	2343	4118392	N			
INDIRECT BENEFITS							NO CAPABILITY	PROCESSING COST ($) 645,356.54	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$512,370.14						
PROCESSING AND STORAGE COST AVOIDED				$26,090.06				RECLAMATION VALUE ($)		
TOTAL INDIRECT BENEFITS				$538,460.20				23,557.84		
STORAGE SPACE RELEASED;		16,061.76 SQ. FT.						NET DIRECT COST ($) +622,188.70		
PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 782.67, NET DIRECT COST = +622,188.70, NET COST = +83,728.50										
***										

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JCAP
DECISION MODELS

ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1351007070563 CASE 60 0	P68	950	436900	N			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	172,466.80	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$34,503.55						
PROCESSING AND STORAGE COST AVOIDED		$2,780.43					RECLAMATION VALUE ($)	
		**********					NONE	
TOTAL INDIRECT BENEFITS		$37,283.98						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED; 1,711.71 SQ. FT.							+172,466.80	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 95.00, NET DIRECT COST = +172,466.80, NET COST = +115,082.82								
***								
1361000929996 5505 CASE,DC,LOD 9-4	P68	4567	1598450	N			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	201,404.70	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$198,864.28						
PROCESSING AND STORAGE COST AVOIDED		$10,126.24					RECLAMATION VALUE ($)	
		**********					NONE	
TOTAL INDIRECT BENEFITS		$208,990.52						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED; 6,233.99 SQ. FT.							+201,404.70	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 253.72, NET DIRECT COST = +201,404.70, NET COST = -7,585.82								
***								
1365000253273 4951 WAR GAS HOSE M1	P68	2535	278850	N			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	17,041.92
VALUE OF STORAGE SPACE RELEASED		$34,705.29						
PROCESSING AND STORAGE COST AVOIDED		$1,767.21					RECLAMATION VALUE ($)	
		**********						NONE
TOTAL INDIRECT BENEFITS		$36,472.50						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED; 1,087.94 SQ. FT.								+17,041.92
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 25.36, NET DIRECT COST = +17,041.92, NET COST = -19,430.58								
***								

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** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC MCALESTER	QUANTITY (EA)	WEIGHT (LBS)	SRV*	FURNACE	WASHOUT	DETONATION	BURNING
137500F005899	D534	5/47 SPD	P68	38532	38532	N				

PROCESSING COST ($)

	FURNACE	WASHOUT	DETONATION	BURNING
PROCESSING COST ($)	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	212.72
RECLAMATION VALUE ($)				NONE
NET DIRECT COST ($)				+212.72

INDIRECT BENEFITS
- VALUE OF STORAGE SPACE RELEASED $11,027.33
- PROCESSING AND STORAGE COST AVOIDED $551.53
- TOTAL INDIRECT BENEFITS $11,539.36

STORAGE SPACE RELEASED; 345.70 SQ. FT.

PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 3.69, NET DIRECT COST = +212.72, NET COST = -11,376.64

***

NSN	DODIC	NOMENCLATURE	LOC MCALESTER	QUANTITY (EA)	WEIGHT (LBS)	SRV*
1376006283300		COMP A3	P66	554830	554830	N

	FURNACE	WASHOUT	DETONATION	BURNING
PROCESSING COST ($)	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	57,230.71
RECLAMATION VALUE ($)				NONE
NET DIRECT COST ($)				+57,230.71

INDIRECT BENEFITS
- VALUE OF STORAGE SPACE RELEASED $69,027.77
- PROCESSING AND STORAGE COST AVOIDED $3,514.91
- TOTAL INDIRECT BENEFITS $72,542.58

STORAGE SPACE RELEASED; 2,163.88 SQ. FT.

PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 69.35, NET DIRECT COST = +57,230.71, NET COST = -15,311.97

***

NSN	DODIC	NOMENCLATURE	LOC MCALESTER	QUANTITY (EA)	WEIGHT (LBS)	SRV*
1375006539816		COMP B,RECLMD	P55	832555	832555	N

	FURNACE	WASHOUT	DETONATION	BURNING
PROCESSING COST ($)	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	85,888.36
RECLAMATION VALUE ($)				NONE
NET DIRECT COST ($)				+85,888.36

INDIRECT BENEFITS
- VALUE OF STORAGE SPACE RELEASED $103,591.10
- PROCESSING AND STORAGE COST AVOIDED $5,274.90
- TOTAL INDIRECT BENEFITS $108,856.00

STORAGE SPACE RELEASED; 3,247.37 SQ. FT.

PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED = 104.08, NET DIRECT COST = +85,888.36, NET COST = -22,977.64

***

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** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY	WEIGHT	SRV*	METHODS			
		MCALESTER		(EA)	(LBS)		FURNACE	WASHOUT	DETONATION	BURNING
1390000389701	FZ	PD 27 0	P68	1166097	297024	N			PROCESSING COST ($)	
INDIRECT BENEFITS							103,315.92	NO CAPABILITY	NO CAPABILITY	359,577.56
VALUE OF STORAGE SPACE RELEASED				$36,952.32						
PROCESSING AND STORAGE COST AVOIDED				$1,881.62					RECLAMATION VALUE ($)	
				**********			335,131.53			386,131.53
TOTAL INDIRECT BENEFITS				$38,833.94						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		1,158.38 SQ. FT.					-232,315.61			-26,553.97
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				69.89, NET DIRECT COST =			-282,315.61, NET COST =			-321,149.55

***

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY	WEIGHT	SRV*	METHODS			
		MCALESTER		(EA)	(LBS)		FURNACE	WASHOUT	DETONATION	BURNING
1390004322193	WX77	BOOSTER,M21A4	P68	199995	143996	N			PROCESSING COST ($)	
INDIRECT BENEFITS							43,052.92	NO CAPABILITY	90,769.73	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$17,915.04						
PROCESSING AND STORAGE COST AVOIDED				$912.24					RECLAMATION VALUE ($)	
				**********			NONE		NONE	
TOTAL INDIRECT BENEFITS				$18,827.28						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		561.60 SQ. FT.					+43,052.92		+90,769.73	
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =				28.98, NET DIRECT COST =			+43,052.92, NET COST =			+24,225.64

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

TOTALS FOR MCALESTER (P58)

NUMBER OF ITEMS 55

WEIGHT OF ITEMS FOR DEMIL (TONS) = 27,280.7

NO. OF MAN SHIFTS REQUIRED FOR DEMIL = 4,501.18

STORAGE SPACE RELEASED = 212,811.10 SQ. FT.

COST			
DIRECT COST-PROCESSING	6,190,060.60		
TOTAL COSTS			6,190,060.60
BENEFITS			
DIRECT			
RECLAMATION VALUE	3,870,324.59		
NET DIRECT COST	+2,319,736.01		
TOTAL DIRECT BENEFITS		3,870,324.59	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	6,788,674.10		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	345,681.54		
TOTAL INDIRECT BENEFITS		7,134,355.64	
TOTAL BENEFITS			11,004,680.23
NET COST			-4,814,619.63

METHOD	SHIFTS	TONS
FURNACE	741.37	5,565.2
WASHOUT	1,344.69	10,043.8
DETONATION	1,294.75	4,424.4
BURNING	1,219.75	7,247.3

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC SEAL BEACH	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1315003557201 C140 CTG 8/60	P71	6996	174200	N			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	2,399.63	2,399.63
VALUE OF STORAGE SPACE RELEASED		$21,672.22						
PROCESSING AND STORAGE COST AVOIDED		$1,103.56					RECLAMATION VALUE ($)	
		**********					26,934.60	26,934.60
TOTAL INDIRECT BENEFITS		$22,775.78						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED; 679.38 SQ. FT.							-24,534.97	-24,534.97
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 8.40, NET DIRECT COST = -24,534.97, NET COST = -47,310.75								
***								
1320000391971 D272 CHG,PROP 5/38	P71	3810	116586	N			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	8,692.02	8,692.02
VALUE OF STORAGE SPACE RELEASED		$14,503.65						
PROCESSING AND STORAGE COST AVOIDED		$738.53					RECLAMATION VALUE ($)	
		**********					NONE	NONE
TOTAL INDIRECT BENEFITS		$15,242.18						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED; 454.66 SQ. FT.							+8,692.02	+8,692.02
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 6.86, NET DIRECT COST = +8,692.02, NET COST = -6,550.16								
***								
1361009120458 DEPTH CHARGE,HI	P71	210	105025	N			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	3,744.98	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$13,065.60						
PROCESSING AND STORAGE COST AVOIDED		$665.30					RECLAMATION VALUE ($)	
		**********					72.45	
TOTAL INDIRECT BENEFITS		$13,730.90						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED; 409.58 SQ. FT.							+3,672.53	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 2.96, NET DIRECT COST = +3,672.53, NET COST = -10,058.37								
***								

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC SEAL BEACH	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1365008361712	K870	SMK POT,AN-M7T2	P71	8445	223792	N			PROCESSING COST ($)	
INDIRECT BENEFITS								NO CAPABILITY	NO CAPABILITY	19,231.55	19,231.55
VALUE OF STORAGE SPACE RELEASED				$27,342.95						
PROCESSING AND STORAGE COST AVOIDED				$1,917.77					RECLAMATION VALUE ($)	
				**********					591.07	591.07
TOTAL INDIRECT BENEFITS				$29,260.73						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		872.82 SQ. FT.							+18,640.48	+18,640.48

PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 15.19, NET DIRECT COST = +18,640.48, NET COST = -10,620.25

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
90,000 LBS - OVER

TOTALS FOR SEAL BEACH (P71)

NUMBER OF ITEMS 4

WEIGHT OF ITEMS FOR DEMIL (TONS) = 309.7

NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 33.41

STORAGE SPACE RELEASED = 2,416.44 SQ. FT.

COST			
DIRECT COST-PROCESSING	34,068.18		
TOTAL COSTS			34,068.18
BENEFITS			
DIRECT			
RECLAMATION VALUE	27,598.12		
NET DIRECT COST	+6,470.06		
TOTAL DIRECT BENEFITS		27,598.12	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	77,084.43		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	3,925.15		
TOTAL INDIRECT BENEFITS		81,009.59	
TOTAL BENEFITS			108,607.71
NET COST			-74,539.53

METHOD	SHIFTS	TONS
FURNACE	0.00	0.0
WASHOUT	0.00	0.0
DETONATION	33.41	309.7
BURNING	0.00	0.0

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
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*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC YORKTOWN	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1315005557201 C140 CTG 8/50	P72	6553	163294	N			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	29,274.26	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$20,316.15						
PROCESSING AND STORAGE COST AVOIDED		$1,034.51					RECLAMATION VALUE ($)	
		**********					25,248.30	
TOTAL INDIRECT BENEFITS		$21,350.66						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED; 636.87 SQ. FT.							+4,025.96	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 20.62, NET DIRECT COST = +4,025.96, NET COST = -17,324.70								
***								
1315005557391 C136 CTG 8/50	P72	5502	139489	N			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	25,006.77	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$17,352.64						
PROCESSING AND STORAGE COST AVOIDED		$883.61					RECLAMATION VALUE ($)	
		**********					21,567.70	
TOTAL INDIRECT BENEFITS		$18,236.25						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED; 543.97 SQ. FT.							+3,439.07	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 17.62, NET DIRECT COST = +3,439.07, NET COST = -14,797.18								
***								
1320000391971 D272 CHG,PROP 5/38	P72	7380	225828	N			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	45,560.27	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$28,094.33						
PROCESSING AND STORAGE COST AVOIDED		$1,430.57					RECLAMATION VALUE ($)	
		**********					NONE	
TOTAL INDIRECT BENEFITS		$29,524.90						
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED; 880.70 SQ. FT.							+45,560.27	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 32.80, NET DIRECT COST = +45,560.27, NET COST = +17,035.37								
***								

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JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC YORKTOWN	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1320000392037	D274	CHG,PROP 5/38	P72	4772	146023	N			PROCESSING COST ($)	
INDIRECT BENEFITS								NO CAPABILITY	NO CAPABILITY 30,106.45	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED				$18,166.41						
PROCESSING AND STORAGE COST AVOIDED				$925.04					RECLAMATION VALUE ($)	
				**********					NONE	
TOTAL INDIRECT BENEFITS				$19,091.45						
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		569.48 SQ. FT.							+30,106.45	

PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED = 21.21, NET DIRECT COST = +30,106.45, NET COST = +11,015.00

***

NSN	DODIC	NOMENCLATURE		LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1351000930619	B740	CASE	25 1	P72	104	182416	N			PROCESSING COST ($)	
INDIRECT BENEFITS									NO CAPABILITY 55,361.28	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED					$22,694.94						
PROCESSING AND STORAGE COST AVOIDED					$1,155.63					RECLAMATION VALUE ($)	
					**********				1,048.32		
TOTAL INDIRECT BENEFITS					$23,850.57						
										NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		711.44 SQ. FT.							+54,312.96		

PREFERRED METHOD: WASHOUT , 8-HR SHIFTS REQUIRED = 17.33, NET DIRECT COST = +54,312.96, NET COST = +30,462.39

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

TOTALS FOR YORKTOWN (P72)

NUMBER OF ITEMS 5

WEIGHT OF ITEMS FOR DEMIL (TONS) = 428.4

NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 109.58

STORAGE SPACE RELEASED = 3,342.45 SQ. FT.

COST			
DIRECT COST-PROCESSING	186,309.03		
TOTAL COSTS			186,309.03
BENEFITS			
DIRECT			
RECLAMATION VALUE	47,864.32		
NET DIRECT COST	+138,444.71		
TOTAL DIRECT BENEFITS		47,864.32	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	106,624.47		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	5,429.36		
TOTAL INDIRECT BENEFITS		112,053.83	
TOTAL BENEFITS			159,918.15
NET COST			+26,390.88

METHOD	SHIFTS	TONS
FURNACE	0.00	0.0
WASHOUT	17.33	91.2
DETONATION	92.25	337.2
BURNING	0.00	0.0

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ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN / DODIC / NOMENCLATURE	LOC	QUANTITY (EA)	WEIGHT (LBS)	SRV	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1305000286517 A209 CTG,.30 LINKED	P73	1639158	96710	N			PROCESSING COST ($)	
INDIRECT BENEFITS					327.83	NO CAPABILITY	NO CAPABILITY	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$12,033.00						
PROCESSING AND STORAGE COST AVOIDED		$612.72					RECLAMATION VALUE ($)	
TOTAL INDIRECT BENEFITS		$12,645.72			23,931.65			
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	377.21 SQ. FT.				-23,604.02			
PREFERRED METHOD: FURNACE , 8-HR SHIFTS REQUIRED =		32.78, NET DIRECT COST =			-23,604.02, NET COST =			-36,249.74
***								
1320000394038 0872 PROJ,16/50 AP	P73	34	91800	N			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	1,142.40	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$11,420.84						
PROCESSING AND STORAGE COST AVOIDED		$581.55					RECLAMATION VALUE ($)	
TOTAL INDIRECT BENEFITS		$12,002.39					NONE	
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	358.02 SQ. FT.						+1,142.40	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =		1.13, NET DIRECT COST =			+1,142.40, NET COST =			-10,859.99
***								
1320000394012 0872 PROJ,16/50 AP	P73	56	151200	N			PROCESSING COST ($)	
INDIRECT BENEFITS					NO CAPABILITY	NO CAPABILITY	1,881.60	NO CAPABILITY
VALUE OF STORAGE SPACE RELEASED		$18,810.79						
PROCESSING AND STORAGE COST AVOIDED		$957.85					RECLAMATION VALUE ($)	
TOTAL INDIRECT BENEFITS		$19,768.64					NONE	
							NET DIRECT COST ($)	
STORAGE SPACE RELEASED;	589.68 SQ. FT.						+1,881.60	
PREFERRED METHOD: DETONATION, 8-HR SHIFTS REQUIRED =		1.87, NET DIRECT COST =			+1,881.60, NET COST =			-17,887.04
***								

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*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

NSN	DODIC	NOMENCLATURE	LOC REPORT	QUANTITY (EA)	WEIGHT (LBS)	SRV*	METHODS: FURNACE	WASHOUT	DETONATION	BURNING
1320000394076	D839	CHG,PROP 16/50	P73	421	141035	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	1,578.75
VALUE OF STORAGE SPACE RELEASED				$17,546.91						
PROCESSING AND STORAGE COST AVOIDED				$893.49					RECLAMATION VALUE ($)	
TOTAL INDIRECT BENEFITS				$18,440.40						NONE
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		550.06 SQ. FT.								+1,578.75
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				20.05, NET DIRECT COST =					+1,578.75, NET COST =	-16,861.65
***										
1375005720255		TNT,RECLAIMED	P73	144870	144870	N			PROCESSING COST ($)	
INDIRECT BENEFITS							NO CAPABILITY	NO CAPABILITY	NO CAPABILITY	24,338.16
VALUE OF STORAGE SPACE RELEASED				$18,024.46						
PROCESSING AND STORAGE COST AVOIDED				$917.81					RECLAMATION VALUE ($)	
TOTAL INDIRECT BENEFITS				$18,942.27						NONE
									NET DIRECT COST ($)	
STORAGE SPACE RELEASED;		565.03 SQ. FT.								+24,338.16
PREFERRED METHOD: BURNING , 8-HR SHIFTS REQUIRED =				28.97, NET DIRECT COST =					+24,338.16, NET COST =	+5,395.89
***										

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* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

JCAP
DECISION MODELS

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

TOTALS FOR KEYPORT (P73)

NUMBER OF ITEMS 5

WEIGHT OF ITEMS FOR DEMIL (TONS) = 312.7

NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 94.80

STORAGE SPACE RELEASED = 2,440.00 SQ. FT.

COST			
DIRECT COST-PROCESSING	29,268.74		
TOTAL COSTS			29,268.74
BENEFITS			
DIRECT			
RECLAMATION VALUE	23,931.85		
NET DIRECT COST	+5,336.39		
TOTAL DIRECT BENEFITS		23,931.85	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	77,836.00		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	3,963.42		
TOTAL INDIRECT BENEFITS		81,799.42	
TOTAL BENEFITS			105,731.27
NET COST			-76,462.53

METHOD	SHIFTS	TONS
FURNACE	32.78	48.3
WASHOUT	0.00	0.0
DETONATION	3.00	121.5
BURNING	49.02	142.9

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
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*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

SUMMARY

NUMBER OF ITEMS 252

WEIGHT OF ITEMS FOR DEMIL (TONS) = 38,823.9

NO. OF 8HR SHIFTS REQUIRED FOR DEMIL = 14,154.46

STORAGE SPACE RELEASED = 692,900.75 SQ. FT.

COST			
DIRECT COST-PROCESSING	16,141,992.38		
TOTAL COSTS			16,141,992.38
BENEFITS			
DIRECT			
RECLAMATION VALUE	14,800,347.31		
NET DIRECT COST	+1,341,645.07		
TOTAL DIRECT BENEFITS		14,800,347.31	
INDIRECT BENEFITS			
VALUE OF SPACE RELEASED	22,103,534.04		
ANNUAL PROCESSING AND STORAGE INSPECTION COSTS AVOIDED	1,125,519.59		
TOTAL INDIRECT BENEFITS		23,229,053.63	
TOTAL BENEFITS			38,029,400.94
NET COST			-21,887,408.56

METHOD	SHIFTS	TONS
FURNACE	1,743.13	12,847.9
WASHOUT	5,048.89	40,599.9
DETONATION	2,749.95	16,420.2
BURNING	4,512.44	18,955.8

* USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON
** USED STORAGE SPACE VALUE OF $31.90 PER SQ. FT.
*** USED ANNUAL PROCESSING AND STORAGE COSTS OF $12.67 PER TON

APPENDIX A

PART 3

ITEM RANKING BY NET COST AVOIDANCE

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ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	NET COST AVOIDANCE[1] (DOLLARS)
1305000284556	A776	CTG,20MM M96	P67	6691995	3747516	N	+1,329,681.86
1305000286296	A525	CTG.50 AP M2	P68	9832760	2556517	N	+1,159,220.83
1320007925532	D544	PROJECTILE,155	P67	81823	7740455	M	+1,143,807.98
1351000930619	R740	CASE 25 1	P67	5170	9066180	N	+1,035,664.31
1361000929993		CASE,DC,LOD 8-0	P67	9817	3043270	N	+907,614.60
1340000388444		RKT MOTOR,5.00	P67	84004	7321788	N	+832,005.03
1340000110666		PROP CH 18 0	P68	275000	6600000	N	+721,715.50
1315005420502	C804	PROJ/CHG 120MM	P67	21778	2395580	M	+612,069.53
1315004M20120		PROJ.90MM,HE A3	P68	96205	1924100	M	+498,782.51
1315006839444	C802	PROJ/CHG 120MM	P67	17758	1880394	M	+489,545.92
1325000384582	E116	BOMB,DEPTH MK 5	P64	4871	1597688	N	+487,894.52
1305002942234		CTG,20MM HE	P64	3791052	2160899	N	+439,248.96
1325004091727	E488	BOMB,GP 82 2	P64	7422	3673890	N	+425,683.48
1315006839444	C802	PROJ/CHG 120MM	P64	14670	1553406	M	+405,985.38
1305000284551	A765	CTG,20MM M55A1	P67	1323293	754275	N	+402,578.67
130500	A533	CTG CAL 50 API M8 LK	BRD	3808440	13782CC	A	+396,778.74
131500	C496	CTG 105MM HE M323	B47	24834	1800400	A	+376,589.48
1305002942234		CTG,20MM HE	P68	3827268	2181542	N	+362,766.03
1305004498068	A131	CTG 7.62MM BALL TR	BRD	862984	83000	A	+356,010.92
1325009123867	F244	BOMB,GP,MK 82-1	P64	3067	1518165	N	+341,263.61
1390000389701		FZ PD 27 C	P68	1188097	297024	N	+321,149.55
1315007527689	C807	PROJECTILE AND	P64	21052	1106282	M	+298,772.52
1361000929996	S505	CASE,DC,LOD 9-4	P67	6255	2189250	N	+282,500.43
1361005409439	S526	DC,HE,7.2 MK4	P64	19438	1209431	N	+279,048.27
1320005297331	D544	PROJECTILE,155	P68	19680	1861728	M	+270,107.95
1315003442313	C800	PROJECTILE AND	P68	10628	922112	M	+269,642.54
1315004M20149		PROJ, SA, 120MM	P68	14468	675076	M	+268,817.54
1315007527689	C807	PROJECTILE AND	P67	20342	1068571	M	+264,656.70
1315005420502	C804	PROJ/CHG 120MM	P64	9197	1011670	M	+259,466.55
1305000391050	A745	CTG,20MM HET	P68	2568808	1464220	N	+243,483.55
1340000388365	H922	WHD,RKT 5.00 HE	P67	74326	3838937	N	+226,469.43
1315003442313	C800	PROJECTILE AND	P67	9070	772400	M	+225,455.04
1351000930563		CASE 18 0	P67	490	922670	N	+222,913.44
1361005409439	S526	DC,HE,7.2 MK4	P67	14645	923655	N	+221,116.00
1315007527689	C807	PROJECTILE AND	P68	11328	595286	M	+218,426.73
1305003011587	A776	CTG,20MM M96	P67	1086404	608385	N	+215,897.14
1361000388477	S513	WHD,DC,MK 4-0,3	P67	15085	813081	N	+214,254.19
1351000763225		MINE 39 C	P67	999	1930567	N	+204,117.94
1305005421196	A127	CTG 7.62MM 4 BALL-1	B21	22992200	238600	A	+203,407.34

[1]THE SUM OF RECLAMATION VALUE PLUS ANNUAL PROCESSING AND STORAGE COST AVOIDED PLUS THE VALUE OF STORAGE SPACE RELEASED MINUS THE DEMIL PROCESSING COST

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LCC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	NET COST AVOIDANCE[1] (DOLLARS)
1315CC9261897	C801	PROJECTILE AND	P67	15423	1313422	M	+203,241.61
1305CC4498055	A131	CTG 7.62MM 4 BALL-1	B21	7183CCC	748400	A	+191,885.49
1340008574862		ICMR 120	P68	122705	1472480	N	+188,760.65
1351007070663		CASE 90 0	P67	3849	1778238	N	+185,703.25
1315CC3226371	C802	PROJ/CHG 120MM	P64	64CC	696784	M	+178,304.99
1315CC5420418	C802	PROJ/CHG 120MM	P67	6316	694760	M	+177,510.73
1315CC5420419	C802	PROJ/CHG 120MM	P64	5993	659230	M	+169,075.66
1325CC0384582	E116	FUZE,DEPTH MK 5	P67	1685	552680	N	+168,827.41
1315CC9261897	C801	PROJECTILE AND	P68	6985	594842	M	+164,942.21
1315CC5546747	C802	PROJECTILE AND	P67	5738	615744	M	+159,247.62
1340CC0389146		IGNR 117 2	P68	96536	1163232	N	+149,120.74
1340CC0386354	H922	WPL,RKT 5.0C HE	P67	24454	1263049	N	+146,085.40
1325CC0285361	E107	BOMB,SAP M59A1	P64	1125	1143000	N	+141,679.02
1340CC0388341	H912	WPL,RKT 5.0C HE	P67	15706	793467	N	+139,160.82
1376CC6720265		TNT,RECLAIMED	P67	2372163	2372163	N	+138,118.67
1340CC0388350	H902	WRFC 12	P68	54545	1810892	N	+137,166.95
131500	C267	CTG 90MM M71	B22	14161	885000	A	+136,886.40
1320CC0394336	D309	CHG,PROP 5/54	P67	16461	561978	N	+129,182.17
1340CC0286092	H601	ROCKET,PRACTICE	P68	105606	946229	M	+125,428.63
1305CC5554059	A545	CTG CAL 50 API M8 LK	B2D	1133650	470400	A	+123,241.02
1376CC4722647		CLMP A3,RECLMD	P67	1081298	1081298	N	+118,505.12
1325CC0740389	E191	DISP/BDM CBL 15	P67	1122	841500	N	+116,710.84
1315CC5557391	C136	CTG 3/50	P67	17502	435799	N	+115,099.31
1351CC0930623		CASE 39 0	P67	6C6	1081710	N	+112,134.70
1315CC3442314	C806	PROJ/CHG 120MM	P67	7606	695904	M	+106,937.79
1351CC0721815		LMN C6C 36 1	P67	66C	625680	N	+103,451.00
1340CC0286093	H602	ROCKET,SMOKE,3.	P67	99365	890346	M	+98,346.32
1320CC5551255	D402	PROJ,6/47 HC	P68	7521	828378	N	+94,226.26
1315CC9575717	C80C	PROJECTILE AND	P67	3414	337200	M	+90,937.53
1305CC3011665	A216	CTG,.3C BALL M2	P67	7CC55CC	399313	M	+87,236.66
131500	C499	CTG 105MM SMK WP M32	B47	7680	576CCC	A	+84,549.CC
1361CC5557193		CASE,CC 7 0	P64	376	270720	N	+83,571.10
1315CC0394104		PROJ,3/50 AP	P64	68237	891857	N	+79,710.37
1340CC3012007	J324	FZ,VT M402 A1	P64	121309	327534	N	+78,974.43
1305CC0391050	A745	CTG,20MM PET	P64	670282	382060	N	+77,661.77
1305CC0286427	A570	CTG.50 TR M17	P68	1193450	297169	N	+74,142.37
1340CC0286090	H60C	ROCKET,HEAT,3.5	P67	150761	1356849	M	+73,652.48
1320CC2034309	D394	PROJ,6/47 AP	P68	4791	622830	N	+72,916.95
1320CC0392769	D232	PROJ,5/38 VT	P64	17977	981723	N	+70,530.06

[1]THE SUM OF RECLAMATION VALUE PLUS ANNUAL PROCESSING AND STORAGE COST AVOIDED PLUS THE VALUE OF STORAGE SPACE RELEASED MINUS THE DEMIL PROCESSING COST

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	NET COST AVOIDANCE[1] (DOLLARS)
1315003442314	C806	PRJ,/CHG 120MM	P64	3439	306586	M	+67,251.83
1305005557057	A776	CTG,20MM M96	P67	325200	185364	N	+65,050.62
1320006074152		PRJ,,81N AP,20	P67	1833	47658C	N	+63,748.29
1375000285208	M431	CHG CEMC LINEAR	ETC	8658	509600	A	+62,517.34
1320005409634	D394	PRJ,,6/47 AP	P68	3232	420160	N	+61,758.03
131500	C500	CTG 105MM HT M341	B47	9236	535600	A	+61,581.45
1340001437117	H600	ROCKET,HEAT,3.5	P67	55014	492525	M	+61,324.30
1315000000495		CTG,3/50 VT	P67	10334	259383	N	+61,204.66
1305000284550	A765	CTG,20MM M95	P67	298580	170190	N	+56,720.68
1305000391051	A744	CTG,20MM HEI	P68	591060	336904	N	+56,022.87
1315000284865	C005	PROJECTILE AND	P64	2646	234832	M	+54,986.51
1340000284149		ICNR 118 2	P68	33295	399540	N	+51,218.84
1351005936859	B459	BATT CMPRT,LCD	P67	184	381248	N	+50,837.98
1305000284378	A559	CTG.50BLANK LNK	P67	884920	112384	N	+50,771.25
1315000284740	C292	CARTRIDGE,90 MI	P68	6912	286364	M	+48,893.20
1315008524113	C294	CTG 90MM M431 HT-T	B80	7926	432200	A	+48,011.47
1315005557201	C140	CTG 3/50	P71	6596	174200	N	+47,310.75
1351000930568	R739	CASE 25 1	P67	230	403420	N	+46,074.12
1340000386348	H901	WARD 10	P68	27334	843253	N	+45,251.65
1356002024908		PRJ,PRX 17 3	P67	391	482494	N	+44,183.01
1315005557201	C140	CTG 3/50	P67	6546	162595	N	+43,049.40
1320005557741	D394	PRJ,,6/47 AP	P68	2252	292760	N	+43,031.85
132000394764		PRJ, S AY,2/55	P68	576	251925	N	+42,162.81
1305000391051	A744	CTG,20MM HEI	P64	356141	203000	N	+41,264.10
1320000394292		PRJ, S-AY,5/25	P67	8343	393788	N	+40,141.57
1305000391051	A744	CTG,20MM HEI	P67	408318	232741	N	+40,049.69
137000659816		CORE B,RECLMD	P64	405600	405600	N	+39,527.76
1320005409661	D394	PRJ,,6/47 AP	P68	2053	266890	N	+39,230.72
1305000284546	A775	CTG,20MM M97	P67	218282	124420	N	+38,780.97
1320005557743	D394	PRJ,6/47 AP	P68	2014	261820	N	+38,484.26
1340000386346	H900	WARD 10	P68	27545	794948	N	+38,432.54
1305000286490	A576	CTG CAL 50 M8	B20	359835	143600	A	+37,318.24
1315004A20122		PRJ,,90MM TNT	P68	7147	142540	M	+37,054.31
1340004A20240		WRD RKT 5.0 HE	P68	9706	280115	N	+36,705.79
1305000286517	A209	CTG,,30 LINKED	P73	1639168	96710	N	+36,249.74
1370007944594	L585	MARKER 58 0	P64	42842	552661	N	+35,995.51
1305005557056	A775	CTG,20MM M97	P67	192481	105714	N	+34,197.90
1305000284555	A776	CTG,20MM M96	P67	271417	151593	N	+32,339.42
1305008922150	A131	CTG 7.62MM BALL TR L	B20	1076174	103600	A	+31,635.67

[1]THE SUM OF RECLAMATION VALUE PLUS ANNUAL PROCESSING AND STORAGE COST AVOIDED PLUS THE VALUE OF STORAGE SPACE RELEASED MINUS THE DEMIL PROCESSING COST

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	NET COST AVOIDANCE[1] (DOLLARS)
1351CC7070666	R744	CASE 36 2	P67	338	302510	N	+31,635.46
1310CCC391304	B559	CTG 40MM HEI-T MK11	BRD	18471	133CCC	A	+31,611.76
1305003011642	A562	CTG.50 INC M1	P68	804320	195449	N	+31,167.09
134500	K180	MINE AT M15 HT HVY	BRD	11040	549800	A	+29,208.37
1320000284352	D545	PRJECTILE,155	P67	1923	196146	M	+28,558.34
1315CCC284427	C266	CARTRIDGE,90 MI	P67	5113	211831	M	+27,940.38
1305004M20056		PROJ 20MM SA	P68	503690	131463	N	+27,392.37
1325000384618	F976	FUZE,MK 230-4	P67	6613	99270	N	+27,388.48
1365000253273	K951	BAR CAS IDSE M1	P64	2044	224640	N	+27,332.39
1305000286174	A209	CTG CAL 30 AP API	B20	1361150	104800	A	+27,245.52
1320000393351	D310	CHG,PROP 5/54	P64	3458	118056	N	+27,169.28
1340000389148		IGNR 116 1	P68	17561	210732	N	+27,015.79
1340000286092	H601	ROCKET,PRACTICE	P64	43987	394123	M	+26,599.21
131CCC	B552	CTG 40MM APT M81	B12	13795	92CCC	A	+25,827.26
1340007869415		RM 22 0	P68	37033	205533	N	+25,755.81
1320000393748	D643	PRJ,8/55 BLP/T	P64	546	141960	N	+25,703.97
1320005297347	D487	PROJECTILE,155	P67	2247	222497	M	+25,288.96
1305009343876	A793	CTG.20MM LNR.	P67	206670	117801	N	+24,894.11
1320000393336	D309	CHG,PROP 5/54	P64	3140	107199	N	+24,670.48
1340007689633	F918	BRKT 10 9	P68	18112	547525	N	+24,168.35
1305003011665	A216	CTG,.30 BALL M2	P64	1806864	102991	M	+24,127.24
1340000286093	F602	ROCKET,SMOKE,3.	P64	39610	354905	M	+23,952.04
1340000286092	H601	ROCKET,PRACTICE	P67	76155	682707	M	+23,012.63
1376006539816		COMP B,RECLMD	P68	832655	832655	N	+22,977.64
1340000388357	H922	WPN,RKT 5.0C HE	P67	3829	197767	N	+22,873.02
1365000253273	K951	BAR CAS IDSE M1	P67	2126	233660	N	+22,645.92
1340000388349	F902	WRPN 12	P68	8715	289338	N	+21,916.30
134000AM20249		WPN RKT 5.0 HE	P64	3819	198588	N	+21,737.51
1361000929996	S505	CASE,DC,LOD 9-4	P64	476	166600	N	+21,123.81
1305003050908	A230	CTG,.30 TRA M25	P68	1526760	85455	M	+20,721.07
1315CC9269275	C660	CARTRIDGE,106 M	P67	7487	308464	M	+20,549.26
130500AM20055		CTG 20MM MIXED	P64	171746	101330	N	+20,349.81
1320000284378	D676	CHG PROP 8 IN M2	BRD	5450	321200	A	+20,192.84
1315007527574	C260	CARTRIDGE,90 MI	P67	2222	92213	M	+19,463.29
1365000253273	K951	BAR CAS IDSE M1	P68	2536	278960	N	+19,430.58
1320000396660	D631	PROJ,8/55 HC	P68	454	115592	N	+19,405.48
1305000391046	A746	CTG,20MM HEI-DI	P68	194019	110590	N	+18,391.23
1320000394012	D872	PROJ,16/50 AP	P73	56	151200	N	+17,887.04
1315CC0284817	C499	CTG 105MM SMK WP M32	BRD	1600	120CCC	A	+17,788.60

[1]THE SUM OF RECLAMATION VALUE PLUS ANNUAL PROCESSING AND STORAGE COST AVOIDED PLUS THE VALUE OF STORAGE SPACE RELEASED MINUS THE DEMIL PROCESSING COST

ECONOMIC EVALUATION OF DEMILITARIZATION
CA-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	NET COST AVOIDANCE[1] (DOLLARS)
1315000284482	C273	CARTRIDGE,90 MI	P67	2832	119057	M	+17,580.47
1315005557201	C140	CTG 3/50	P72	6558	163294	N	+17,324.70
1305000491050	A745	CTG,20MM HEI	P67	175103	99808	N	+17,173.78
1320000394076	D839	CHG,PROP 16/50	P73	421	141035	N	+16,861.65
1370000778521	L426	FLARE A/C 45-0	P64	5890	173755	N	+16,451.34
1315000284740	C292	CARTRIDGE,90 MI	P64	10793	447153	M	+16,229.93
1320006071620		PROJ S-AP,5/25	P67	2839	152596	N	+16,091.79
1375000295208	M431	CHG DEMO LINEAR	BAD	2389	132600	A	+15,809.12
1305000284544	A775	CTG,20MM M97	P67	158505	90347	N	+15,546.01
1376006283300		COMP A3	P68	554830	554830	N	+15,311.97
1320005297347	D487	PROJECTILE,155	P64	1512	149718	M	+14,944.86
1315005557391	C136	CTG 3/50	P72	5602	139489	N	+14,797.18
1315000284864	C800	PROJECTILE AND	P67	1108	94357	M	+14,601.28
1310004M20325		57MM MIXED	P64	21991	120070	N	+13,566.67
1390000284906	N330	FZ PT DET	B20	25794	99400	A	+12,811.88
1315000284431	C262	CARTRIDGE,90 MI	P67	4924	204887	M	+12,810.79
1320006394038	D881	PROJ,16/50 ELPT	P64	32	86400	N	+12,695.59
1376006283333		TNT,TY 1	P67	110055	110055	N	+12,062.01
1320005602085	D235	PROJ,5/38 HC	P67	1661	88564	N	+12,011.15
1340006388398	P655	PT TY22	P67	1613	93532	N	+11,903.13
1351006763172		MINE 39 C	P67	58	112085	N	+11,850.04
1325009305866	P497	CLUSTER,CHM AGT	P67	1990	93530	N	+11,833.61
1376006005899	053A	E/47 SPC	P68	88632	88632	N	+11,376.64
1330006285825	G800	ADPTR,GREN,M1A1	P68	224286	85228	M	+10,899.92
1320006394006	D872	PROJ,16/50 AP	P73	34	91800	N	+10,859.99
1320006384581	E116	BOMB,DEPTH MK 5	P67	379	124312	N	+10,757.88
1376006064216		FBX-1,GRD B	P67	97310	97310	N	+10,666.06
1365006331712	K870	SMK POT,AN-M7T2	P71	8445	223792	N	+10,620.25
1315007663712		CTG,3/70 WT	P67	5172	189553	N	+10,254.34
1320006284879	D541	CHG PROP 155MM	BAD	4375	133400	A	+10,090.68
1310006120456		DEPTH CHARGE,MI	P71	210	105025	N	+10,058.37
1340006063408	H342	RKT MOTOR,JATO	P67	464	95231	N	+9,755.89
1315003011080	C262	CARTRIDGE,90 MI	P64	5001	208091	M	+9,492.19
1345000285118	K180	MINE AT M15	BPD	1860	91000	F	+9,310.28
1340006077171		WPD,3.25 HE 2-0	P67	5893	90280	N	+8,415.94
1340006389362		WPD,RKT 5.0C HE	P64	3203	166972	N	+8,331.06
1340006303489	P653	PT TY21	P68	1698	89637	N	+8,172.12
1320005297348	D485	PROJECTILE,155	P64	1016	96794	M	+8,072.51
1340006388345	P900	WPD 10	P68	6828	197056	N	+7,888.79

[1]THE SUM OF RECLAMATION VALUE PLUS ANNUAL PROCESSING AND STORAGE COST AVOIDED PLUS THE VALUE OF STORAGE SPACE RELEASED MINUS THE DEMIL PROCESSING COST

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LLC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	NET COST AVOIDANCE[1] (DOLLARS)
1320CCC0393680	D631	PRO.,8/55 HC	P64	465	119412	N	+7,778.24
1361CC0929996	S505	CASE,DC,LCD 9-4	P68	4567	159845C	N	+7,585.82
1305000284551	A765	CTG,20MM M55A1	BAD	205695	165ECO	A	+7,288.00
1315CC5161518		CTG,3/7C VT	P67	3674	134652	N	+7,284.73
1320CC8240811		CHG SLEF (A1 CASE)	BC8	196614	93CCC	A	+7,267.53
1320CCC0391971	D272	CHG,FRGP 5/38	P71	3810	116586	N	+6,550.16
1315000284751	C292	CARTRIDGE,9C MI	P64	5210	205534	M	+6,486.32
1361CC9120458		DEPTH CHARGE,MI	P64	210	105025	N	+5,541.39
1340CC9348875	H937	WRHD 10	P68	3561	104729	N	+5,223.62
1315CC0284821	C50C	CTG 105MM HT/RR	B4D	1464	85CCC	A	+4,616.35
1305CC9502658	AE47	CTG 20MM LKC	B2C	146752	117600	A	+3,360.26
1325CC5407629	E480	ECME,GF MK 82-1	P68	162	80190	N	+3,341.55
1320000393808	D608	CHG,FRGP 8/55	P68	1813	85211	N	+3,230.65
1361CC6077174		DC,FRAC,4.0C	P67	7455	186375	N	+2,745.11
1390CC0931248		FUZE M66	P64	32C389	320389	N	+1,CC6.38
1351007070663		CASE 50 0	P64	846	390852	N	+628.71
1340CC8063408	H342	RKT MOTOR,JATO	P65	538	110419	N	+538.92
1325CC1024261	E508	ECME,GF 83 4	P64	193	176525	N	-588.92
1325CC1136003	E506	ECME,GF MK 83-4	P64	216	199800	N	-1,106.11
1376CC6720265		INT,RECLAIMED	P73	144870	144870	N	-5,395.89
1340CC038c344	H915	WRHD 7	P68	4216	83940	N	-6,437.22
1351CC0930540		CASE 6 0	P67	1023	467511	N	-6,872.16
1315CCC285006	C708	CARTRIDGE,4.2 I	P64	8440	199774	M	-10,727.76
1320000392037	D274	CHG,FRGP 5/38	P72	4772	146023	N	-11,C15.00
1325CC4091726	E467	ECME,GF 82 1	P68	292	144540	N	-11,448.00
133000	G97C	GREN RIFLE HT M31 W/	B4D	12642	98ECC	A	-11,875.63
1320CCC0899784	D845	CHG,FRGP 16/50	P68	567	90720	N	-12,764.46
1315CC6071600		FRGJ,3/7C VT	P64	6C48	90720	N	-16,584.50
1320000391971	D272	CHG,FRGP 5/38	P72	7380	225828	N	-17,C35.37
1325CC9187053	F837	FUZE,MK 344-0	P65	19951	86587	N	-22,596.87
1390CC4322193	NX77	ECLSTER,M21A4	P68	195555	143996	M	-24,225.64
1305CC8924885	G99C	GRENADE,RIFLE	P64	81213	126692	M	-24,853.24
1340CC9970314	H935	WRHD 7	P68	20549	431529	N	-29,410.12
1351000930619	R74C	CASE 25 1	P72	104	182416	N	-30,462.39
1361CC0386134		TL ASSY,3-0,2,3	P67	13531	127867	N	-32,341.06
1315CCAM20147		FRGJ, SA 120MM	P68	5130	426CC5	M	-44,453.53
1340000388361	H91E	WRHD 8	P68	20485	436329	N	-47,836.47
1315CC0284682	C032	CTG 75MM SMK WP	B21	8478	305200	A	-62,617.95
1325CC1337058	E802	DISP,CEL-63/B	P64	525	433125	N	-72,206.66

[1]THE SUM OF RECLAMATION VALUE PLUS ANNUAL PROCESSING AND STORAGE COST AVOIDED PLUS THE VALUE OF STORAGE SPACE RELEASED MINUS THE DEMIL PROCESSING COST

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	NET COST AVOIDANCE[1] (DOLLARS)
1340000385277	H43E	PROP GR,RKT	P67	84827	933097	N	-75,865.49
1340000286090	H600	ROCKET,HEAT,3.5	P64	14753	132777	M	-81,074.12
1351000930619	R740	CASE 25 1	P68	2348	4118392	N	-83,728.50
1361000388875	SW35	ESTR,ALX,DC 2-0	P64	1344270	470494	N	-86,354.17
1315006071599		PROJ,3/70 VT	P64	33962	509430	N	-95,373.88
1320005297347	D487	PROJECTILE,155	P68	13616	1348256	M	-98,377.83
1325004601305	E485	BOMB,GP,MK 82-1	P68	2748	1360260	N	-107,737.92
1340000286093	H602	ROCKET,SMOKE,3.	P66	131515	1181557	M	-108,603.53
1351007070663		CASE 50 0	P68	950	438500	N	-115,082.82
1325000740339	E191	DISP/BOM CBL 15	P68	2762	2071500	N	-199,099.46
1351000930623		CASE 39 0	P64	1139	2033115	N	-206,522.96
134000	H602	RKT 3.5 IN HP-T 127E	B47	34885	630200	A	-219,658.37
1340001437117	H600	ROCKET,HEAT,3.5	P64	72740	651750	M	-226,240.99
1325002944152	E490	BOMB,GP 82-C,1	P68	5822	2881690	N	-235,486.45
1351000930619	R740	CASE 25 1	P64	1077	1889058	N	-252,595.27
131500	C708	CTG 4.2 IN M2 SR M32	B47	13446	504200	A	-265,506.00
1340000286090	H600	ROCKET,HEAT,3.5	P68	236678	2130102	M	-271,125.57
1365009359292	K771	MICT CTL AGT	BAD	445280	445200	A	-549,652.96

TOTAL NET COST AVOIDANCE ($) = +21,887,408.56

[1]THE SUM OF RECLAMATION VALUE PLUS ANNUAL PROCESSING AND STORAGE COST AVOIDED PLUS THE VALUE OF STORAGE SPACE RELEASED MINUS THE DEMIL PROCESSING COST

APPENDIX A

PART 4

ITEM RANKING BY NET DIRECT COST

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ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	NET DIRECT COST[1] (DOLLARS)
1305000264556	A776	CTG,20MM M96	P67	6691595	3747516	N	-839,912.29
1305000286296	A525	CTG.50 AP M2	P68	9832760	2556517	N	-824,968.56
1310000929993		CASE,DC,LDD 8-0	P67	9817	3043270	N	-509,721.02
1305004490068	A131	CTG 7.62MM BALL TR	BRD	862984	83000	A	-345,159.08
1305000284551	A765	CTG,20MM M95A1	P67	1323293	754275	N	-303,960.40
1315005420502	C804	PROJ/CHG 120MM	P67	21778	2395580	M	-296,859.49
1340000389701		FZ PD 27 0	P68	1188097	297024	N	-282,315.61
1325000384582	E116	BOMB,DEPTH MK 5	P64	4671	1597688	N	-279,005.91
1315004420120		PROJ.90MM,HE A3	P68	96205	1924100	M	-247,216.06
1315006839444	C802	PROJ/CHG 120MM	P67	17758	1860394	M	-243,693.03
130500	A533	CTG CAL 50 API M8 LK	BRD	3808440	1378200	A	-216,585.98
1315006839444	C802	PROJ/CHG 120MM	P64	14670	1553406	M	-202,886.10
1315004420149		PROJ, SA, 120MM	P68	14468	675076	M	-180,554.27
1305005421196	A127	CTG 7.62MM 4 BALL-1	B21	22992200	238600	A	-172,211.58
1305002942234		CTG,20MM HE	P64	3791052	2160599	N	-156,722.09
1315007527689	C807	PROJECTILE AND	P64	21052	1106282	M	-154,132.01
1315003442313	C800	PROJECTILE AND	P68	10828	922112	M	-149,079.90
1325009123867	F244	BOMB,GP,MK 82-1	P64	3067	1518165	N	-142,771.91
131500	C496	CTG 105MM HE M323	B47	24834	1800400	A	-141,196.19
1315007527689	C807	PROJECTILE AND	P68	11328	595286	M	-140,596.91
1305003011587	A776	CTG,20MM M96	P67	1086404	608385	N	-136,354.56
1320007825532	D544	PROJECTILE,155	P67	81823	7740455	M	-131,781.67
1315005420502	C804	PROJ/CHG 120MM	P64	9197	1011670	M	-127,194.51
1315007527689	C807	PROJECTILE AND	P67	20342	1068971	M	-124,892.97
1315003442313	C800	PROJECTILE AND	P67	9070	772400	M	-124,467.61
1310005407439	S526	DC,HE,7.2 MK4	P64	19438	1209431	N	-120,919.91
1310000388477	S513	WHD,DC,MK 4-0,3	P67	15085	813081	N	-107,948.11
1310000930563		CASE 18 0	P67	490	922670	N	-102,277.70
1310005407439	S526	DC,HE,7.2 MK4	P67	14845	923655	N	-100,352.20
1325000384582	E116	BOMB,DEPTH MK 5	P67	1685	552680	N	-96,567.32
1305004490055	A131	CTG 7.62MM 4 BALL-1	B21	7183800	748400	A	-94,035.94
1315003226371	C802	PROJ/CHG 120MM	P64	6400	686784	M	-88,512.00
1315009261897	C801	PROJECTILE AND	P68	6985	594842	M	-87,169.73
1315005420418	C802	PROJ/CHG 120MM	P67	6316	694760	M	-86,674.47
1315005420418	C802	PROJ/CHG 120MM	P64	5993	659230	M	-82,863.19
1315005546747	C802	PROJECTILE AND	P67	5738	615744	M	-78,742.57
1305002942234		CTG,20MM HE	P68	3827268	2181542	N	-77,540.45
1305005554059	A545	CTG CAL 50 API M8 LK	B20	1133650	470400	A	-61,738.58
1315005557391	C136	CTG 3/50	P67	17502	435799	N	-58,120.64

[1]DEMIL PROCESSING COST MINUS RECLAMATION VALUE

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	NET DIRECT COST[1] (DOLLARS)
1320000393336	D309	CHG,PRLP 5/54	P67	16461	561978	N	-55,706.16
1305000391050	A745	CTG,20MM HET	P68	2569308	1464220	N	-52,044.05
1310005557193		CASE,DC 7 0	P64	376	270720	N	-48,175.75
1315009575717	C800	PROJECTILE AND	P67	2414	337200	M	-46,850.32
1305005557057	A776	CTG,20MM M96	P67	325200	185364	N	-40,815.85
1340003012007	J324	FZ,VT M402 A1	P64	121309	327534	N	-36,150.08
1305000286378	A559	CTG.50BLANK LNK	P67	884920	112334	N	-36,078.19
1340000384341	H912	WHD,RKT 5.00 HE	P67	15706	793467	N	-35,420.02
1305000286427	A570	CTG.50 TR M17	P68	1193450	297169	N	-35,290.31
1305000311665	A216	CTG,.30 BALL M2	P67	7005500	399313	M	-35,027.50
1305000284550	A765	CTG,20MM M95	P67	298540	170190	N	-34,468.08
1315009261897	C801	PROJECTILE AND	P67	15423	1313422	M	-31,518.44
1305000391050	A745	CTG,20MM HET	P64	670282	382060	N	-27,709.46
1315000600495		CTG,8/50 VT	P67	10334	259383	N	-27,292.09
1315003442314	C806	PROJ/CHG 120MM	P64	3439	306586	M	-27,168.10
1320005297331	D544	PROJECTILE,155	P68	19030	1861723	M	-26,697.30
1315005557201	C140	CTG 3/50	P71	6996	174200	N	-24,534.97
1315000284865	C805	PROJECTILE AND	P64	2646	234832	M	-24,282.23
1305000286517	A209	CTG,.30 LINKED	P73	1639168	96710	N	-23,604.02
1305000284546	A775	CTG,20MM M97	P67	218282	124420	N	-22,513.61
1315005557201	C140	CTG 3/50	P67	6546	162995	N	-21,737.96
1310000721815		CAN GCD 30 1	P67	660	625680	A	-21,646.53
131500	C267	CTG 90MM M71	P22	14161	885000	A	-21,177.07
1305005557056	A775	CTG,20MM M97	P67	192481	109714	N	-19,852.49
1305000286490	A576	CTG CAL 50 TR	B20	359835	143800	A	-18,517.11
1315004420122		PROJ.90MM TNT	P68	7147	142940	N	-18,365.50
1305005922150	A151	CTG 7.62MM BALL TR L	B20	1076174	103600	A	-18,090.48
1315003442314	C806	PROJ/CHG 120MM	P67	7806	695804	M	-15,952.34
1305000391051	A744	CTG,20MM HEI	P64	354141	208000	N	-14,722.86
1325000384618	F976	FUZE,MK 230-4	P67	6618	99270	N	-14,408.18
1310000391304	B559	CTG 40MM HEI-T MK11	B30	18471	133000	A	-14,222.67
131000	B552	CTG 40MM APT M81	B12	15795	92000	A	-13,798.72
1305000285174	A209	CTG CAL 30 AP API	B20	1361150	104800	A	-13,543.44
1305000284555	A776	CTG,20MM M96	P67	271417	151993	N	-12,466.18
1305000391051	A744	CTG,20MM HEI	P68	591060	336904	N	-11,974.88
1320000393351	D214	CHG,PROP 5/54	P64	3458	116056	N	-11,733.65
1315000284740	C292	CARTRIDGE,90 MI	P63	6912	286564	M	-11,453.19
1305000311665	A216	CTG,.30 BALL M2	P64	1806864	102991	M	-10,660.50
1320000393336	D309	CHG,PROP 5/54	P64	3140	107199	N	-10,654.62

[1]DEMIL PROCESSING COST MINUS RECLAMATION VALUE

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	NET DIRECT COST[1] (DOLLARS)
1305000AM20056		PROJ 20MM S4	P68	503690	131463	N	-10,204.76
1305000391051	A744	CTG,20MM HEI	P67	408318	232741	N	-9,619.97
1305003050908	A230	CTG,.30 TRA M25	P68	1526780	85499	M	-9,542.37
1305009348878	A793	CTG.20MM LNK.	P67	206670	117801	N	-9,492.35
131500	C499	CTG 105MM SMK WP M32	B47	7680	576000	A	-9,239.88
1320000394764		PROJ S AY,8/55	P68	976	251925	N	-9,225.47
1315007527574	C280	CARTRIDGE,90 MI	P67	2222	92213	M	-7,405.93
1320000395748	D643	PROJ,8/55 BLP/T	P64	546	141960	N	-7,143.53
1305000AM20055		CTG 20MM MIXED	P64	171746	101330	N	-7,099.98
1320005409634	D394	PROJ,6/47 AP	P68	3232	420160	N	-6,824.34
1325000740389	E191	DISP/BOM CBU 15	P67	1122	841500	N	-6,688.92
1305003011642	A562	CTG.50 INC M1	P68	804320	195449	N	-5,614.16
1320005557741	D394	PROJ,6/47 AP	P68	2252	292760	N	-4,755.09
1320005409661	D394	PROJ,6/47 AP	P68	2053	266890	N	-4,334.38
1320000395680	D631	PROJ,8/55 HC	P68	454	115592	N	-4,291.35
1320005557743	D394	PROJ,6/47 AP	P68	2014	261820	N	-4,252.54
1305000391050	A745	CTG,20MM HET	P67	175103	99808	N	-4,125.43
1305000391046	A746	CTG,20MM HEI-DI	P68	194019	110590	N	-3,930.83
1305000284544	A775	CTG,20MM M97	P67	158505	90347	N	-3,734.38
1320000284352	D545	PROJECTILE,155	P67	1923	196146	M	-2,913.88
1315000284864	C800	PROJECTILE AND	P67	1108	94357	M	-2,264.31
1315000284817	C499	CTG 105MM SMK WP M32	B80	1600	120000	A	-2,099.20
1315000284482	C273	CARTRIDGE,90 MI	P67	2332	119057	M	-2,014.09
1340000286092	H601	ROCKET,PRACTICE	P68	105606	946229	M	-1,715.04
1320006074152		PROJ,81N AP,20	P67	1833	476580	N	-1,437.91
1320003394038	D881	PROJ,16/50 SLPT	P64	32	86400	N	-1,399.23
1351005936859	B459	BATT CMPRT,LDD	P67	184	381248	N	-992.62
1320005602085	D235	PROJ,5/38 HC	P67	1661	88564	N	-432.50
1315000284427	C266	CARTRIDGE,90 MI	P67	5113	211831	M	-243.23
1340000AM20240		WHD RKT 5.0 HE	P68	9706	280115	N	-81.44
1390000284906	N330	FZ PT DET	B20	25794	99400	A	+184.17
137600F005899	053A	6/47 SPD	P69	88632	88632	N	+212.72
1330000285825	G800	ADPTR,GREN,M1A1	P68	224286	85228	M	+242.23
1340000388398	H655	RT TY22	P67	1813	93532	N	+326.39
1325009305866	F497	CLUSTER,CHM AGT	P67	1990	93530	N	+396.41
1340000389148		IGNR 118 1	P68	17561	210732	N	+537.54
1310000929996	S505	CASE,DC,LDD 9-4	P64	476	166600	N	+658.31
1340000389149		IGNR 118 2	P68	33295	399540	N	+1,019.15
1340007869415		RM 22 0	P68	37033	205533	N	+1,117.65

[1]DEMIL PROCESSING COST MINUS RECLAMATION VALUE

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	NET DIRECT COST[1] (DOLLARS)
1320000394008	D872	PROJ,16/50 AP	P73	34	91800	N	+1,142.40
1375000285208	M431	CHG DEMO LINEAR	BAD	2399	132600	A	+1,527.67
1320000394076	D839	CHG,PROP 16/50	P73	421	141035	N	+1,578.75
1320000394012	D872	PROJ,16/50 AP	P73	56	151200	N	+1,881.60
1376009084216		HBA-1,GRD B	P67	97310	97310	N	+2,058.11
1365000253273	K951	MAP GAS IDSE M1	P64	2044	224840	N	+2,064.44
1310004*20325		57MM MIXED	P64	21991	120070	N	+2,133.13
1376000283333		TNT,TY 1	P67	110055	110055	N	+2,327.66
1345000285115	K180	MINE AT M15	BPD	1860	91000	F	+2,587.52
1340006063408	H342	RKT MOTOR,JATO	P67	464	95231	N	+2,696.40
1351000763172		MINE 39 0	P67	58	112035	N	+2,803.80
1340000389146		IGNR 117 2	P68	96936	1163232	N	+2,967.21
1340000388357	H922	WHD,RKT 5.00 HE	P67	3829	197767	N	+2,982.98
1340001437117	H600	ROCKET,HEAT,3.5	P67	55014	492925	M	+3,122.59
1340006077171		WHD,3.25 HE 2-0	P67	5893	90280	N	+3,387.65
1315005557391	C136	CTG 3/50	P72	5602	139489	N	+3,439.07
1340009303489	H653	RT TY21	P68	1698	89637	N	+3,547.99
1361009120458		DEPTH CHARGE,MI	P71	210	105025	N	+3,672.53
1361000929996	S505	CASE,DC,LDD 9-4	P67	6255	2189250	N	+3,734.24
1340008574862		IGNR 120	P68	122705	1472460	N	+3,756.00
1320005297347	D487	PROJECTILE,155	P67	2247	222497	M	+3,801.81
1320006071620		PROJ S-AY,5/25	P67	2839	152596	N	+3,859.90
1315005557201	C140	CTG 3/50	P72	6558	163294	N	+4,025.96
1375000285208	M431	CHG DEMO LINEAR	BTD	8698	509600	A	+4,110.32
1340004*20249		WHD RKT 5.0 HE	P64	3819	196588	N	+4,225.76
1320005297348	D485	PROJECTILE,155	P64	1016	96794	M	+4,583.61
1320005297347	D487	PROJECTILE,155	P64	1512	149718	M	+4,630.35
1320006240811		CHG SUPP (A1 CASE)	B08	196614	93000	A	+4,891.76
1325000384581	E116	BOMB,DEPTH MK 5	P67	379	124312	N	+5,496.41
1370000778521	L426	FLARE A/C 45-0	P64	5890	173755	N	+6,266.78
1315000284921	C500	CTG 105MM HT/RR	B4D	1464	85000	A	+6,496.98
1351000*30568	R739	CASE 25 1	P67	230	403420	N	+6,671.10
1325005407629	E480	BOMB,GP MK 82-1	P68	162	80190	N	+7,144.20
1320000284879	D541	CHG PROP 155MM	B4D	4375	133400	A	+7,350.70
1325000285361	E107	BOMB,SAP M59A1	P64	1125	1143000	N	+7,762.52
1320000393680	D631	PROJ,8/55 HC	P64	469	119412	N	+7,835.40
1320000393808	D604	CHG,PROP 8/55	P68	1813	85211	N	+7,911.50
1351007070666	R744	CASE 36 2	P67	338	302510	N	+7,917.58
1365000253273	K951	MAP GAS IDSE M1	P67	2126	233860	N	+7,929.98

[1]DEMIL PROCESSING COST MINUS RECLAMATION VALUE

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
60,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	NET DIRECT COST[1] (DOLLARS)
1361009120458		DEPTH CHARGE,MI	P64	210	105025	N	+8,189.51
131500	C500	CTG 105MM HT M341	B47	9236	535600	A	+8,445.58
1340009348875	H937	WRHD 10	P68	3561	104729	N	+8,468.06
1315008924113	C294	CTG 90MM M431 HT-T	BRD	7928	432200	A	+8,496.52
1320002034309	D394	PROJ,6/47 AP	P68	4791	622830	N	+8,516.39
1320000391971	D272	CHG,PROP 5/38	P71	3810	116586	N	+8,692.02
1315005161518		CTG,3/70 VT	P67	3674	134652	N	+10,321.26
1320000394292		PROJ 5-4Y,5/25	P67	8343	363788	N	+11,343.14
1305009502658	A847	CTG 20MM LKE	B2D	148752	117600	A	+11,995.36
1340000388362		WHD,RKT 5.00 HE	P64	3203	166272	N	+13,500.68
1376006539816		COMP B,RECLMD	P64	405600	405600	N	+13,502.42
1340005063408	H342	RKT MOTOR,JATO	P65	538	110419	N	+13,696.01
1315000284431	C262	CARTRIDGE,90 MI	P67	4924	204387	M	+13,976.18
1320005551255	D402	PROJ,6/47 HC	P68	7921	828378	N	+14,080.22
1305000284551	A765	CTG,20MM M95A1	BAD	208695	165609	A	+14,389.52
1315007663712		CTG,3/70 VT	P67	5172	189553	N	+14,529.55
1340000388349	H902	WRHD 12	P68	8715	289338	N	+15,913.59
1365000253273	K951	WAR GAS IDSE M1	P68	2536	278960	N	+17,041.92
1340000388344	H915	WRHD 7	P68	4216	83940	N	+17,412.08
1315003011080	C262	CARTRIDGE,90 MI	P64	5001	208091	M	+17,715.84
1340000388345	H900	WRHD 10	P68	6828	197056	N	+17,375.70
1340000286093	H602	ROCKET,SMOKE,3.	P67	99369	890346	M	+18,061.31
1305008331712	K870	SMK POT,AN-M7T2	P71	8445	223792	N	+18,640.48
1356002024908		WHD,HBX 17 3	P67	391	482494	N	+18,901.46
1340000388354	H922	WHD,RKT 5.00 HE	P67	24454	1263049	N	+19,050.89
1315009269275	C660	CARTRIDGE,106 M	P67	7487	308464	M	+19,780.21
1315000284751	C292	CARTRIDGE,90 MI	P64	5210	205534	M	+20,387.14
1361006077174		BC,PRAC,4.00	P67	7455	186375	N	+21,623.08
1320000284378	D676	CHG PROP 8 IN M2	BRD	5450	321200	A	+21,802.45
1340000286093	H602	ROCKET,SMOKE,3.	P64	39610	354905	M	+22,449.36
1376004722647		COMP A3,RECLMD	P67	1081298	1081298	N	+22,869.45
1325001024261	E508	BOMB,GP B3 4	P64	193	176525	N	+24,329.58
1376006720265		TNT,RECLAIMED	P73	144870	144870	N	+24,338.16
1320000399784	D845	CHG,PROP 16/50	P68	567	90720	N	+24,625.71
133000	G970	GREN RIFLE HT M31 W/	BRD	12642	98800	A	+24,793.24
1340000286092	H601	ROCKET,PRACTICE	P64	43987	394123	M	+24,930.07
1325001136003	E506	BOMB,GP MK 83-4	P64	216	199800	N	+27,228.96
1315006071600		PROJ,3/70 VT	P64	6048	90720	N	+28,845.75
1351000930623		CASE 39 0	P67	606	1081710	N	+29,294.85

[1]DEMIL PROCESSING COST MINUS RECLAMATION VALUE

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	NET DIRECT COST[1] (DOLLARS)
1320000392037	D274	CHG,PROP 5/38	P72	4772	146023	N	+30,106.45
1325004091726	E487	BOMB,GP 82 1	P68	292	144540	N	+30,346.01
1325009167053	F837	FUZE,MK 344-0	P65	19951	86587	N	+33,916.70
1370007944594	L585	MARKER 58 0	P64	42642	552061	N	+36,261.89
1315000285006	C708	CARTRIDGE,4.2 I	P64	8440	199774	M	+36,847.94
1315000394104		PROJ,3/50 AP	P64	69237	891657	N	+36,895.74
1390000931248		FUZE M66	P64	320389	320389	N	+40,681.64
1330008924885	G990	GRENADE,RIFLE	P64	81213	126692	M	+41,418.63
1315000284740	C292	CARTRIDGE,90 MI	P64	10793	447153	M	+42,233.88
134500	K180	MINE AT M15 HT HVY	BRD	11040	549800	A	+42,675.23
1390004322193	NX77	BOLSTER,M21A4	P68	199595	143596	M	+43,052.92
1320000391971	D272	CHG,PROP 5/38	P72	7380	225028	N	+46,560.27
1351007070663		CASE 50 0	P67	3849	1776236	N	+46,792.87
1340007680633	H916	WRHD 10 9	P68	18112	547525	N	+47,417.22
1351000763225		MINE 39 0	P67	999	1930567	N	+48,293.00
1361000388134		TL ASSY,3-0,2,3	P67	13531	127867	N	+49,057.99
1351007070663		CASE 50 0	P64	846	390852	N	+50,274.16
1351000930619	R740	CASE 25 1	P72	104	182416	N	+54,312.96
1325004091727	E488	BOMB,GP 82 2	P64	7422	3673590	N	+54,660.58
1376006283300		COMP A3	P68	554830	554830	N	+57,230.71
1320000392769	D232	PROJ,5/38 VT	P64	17977	981723	N	+57,824.99
1340000388348	H901	WRHD 10	P68	27334	843253	N	+65,000.25
1340000388346	H900	WRHD 10	P68	27545	794948	N	+65,502.01
1340000286092	H601	ROCKET,PRACTICE	P67	76195	682707	M	+66,246.98
1351000930540		CASE 6 0	P67	1023	467511	N	+67,998.13
1340009970314	H935	WRHD 7	P68	20549	431529	N	+85,629.27
1376006539816		COMP B,RECLMD	P68	832655	832655	N	+85,886.36
1340000385277	H436	PRLP GR,RKT	P67	84827	93309	N	+88,064.00
1340000286090	H600	ROCKET,HEAT,3.5	P64	14753	132777	M	+98,434.38
1340000388350	H902	WRHD 12	P68	54545	1810692	N	+99,599.17
1315000420147		PROJ, SA 120MM	P68	9130	426005	M	+100,150.90
1315000284682	C032	CTG 75MM SMK WP	B21	8478	305200	A	+102,521.32
1340000286090	H600	ROCKET,HEAT,3.5	P67	150761	1356849	M	+103,747.69
1340000388361	H916	WRHD 8	P68	20485	436329	N	+104,883.20
1340000383444		RKT MOTOR,5.00	P67	84004	7321788	N	+125,281.04
1325001337058	E802	DISP,CBU-63/B	P64	525	433125	N	+128,835.00
1340008116666		PRLP GR 18 0	P68	275000	6600000	N	+141,201.50
1361000388875	SW35	ESTR,AUX,DC 2-0	P64	1344270	470494	N	+147,869.70
1351000930619	R740	CASE 25 1	P67	5170	9068180	N	+149,954.82

[1]DEMIL PROCESSING COST MINUS RECLAMATION VALUE

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	NET DIRECT COST[1] (DOLLARS)
1315006071599		PROJ,3/70 VT	P64	33962	509430	N	+161,980.74
1376006720265		TNT,RECLAIMED	P67	2372163	2372163	N	+172,029.26
1351007070663		CASE 50 0	P68	950	438900	N	+172,466.80
1361000929996	S505	CASE,DC,LOD 9-4	P68	4567	1598450	N	+201,404.70
1340000286093	H602	ROCKET,SMOKE,3.	P68	131915	1181957	M	+263,138.77
1320005297347	D487	PROJECTILE,155	P68	13616	1343256	M	+274,655.96
1340000380355	H922	WHD,RKT 5.00 HE	P67	74326	3838937	N	+275,452.90
1325004601305	E485	BOMB,GP,MK 82-1	P68	2748	1360260	N	+285,584.99
134000	H602	RKT 3.5 IN WP-T 127E	B47	34685	630200	A	+302,053.87
1340001437117	H600	ROCKET,HEAT,3.5	P64	72740	691750	M	+311,455.22
131500	C708	CTG 4.2 IN M2 SR M32	B47	13446	504200	A	+331,427.63
1325000740389	E191	DISP/BOM CBU 15	P68	2762	2071500	N	+469,937.73
1351000930623		CASE 39 0	P64	1139	2033115	N	+472,343.30
1351000930619	R740	CASE 25 1	P64	1077	1889058	N	+499,580.30
1340000286090	H600	ROCKET,HEAT,3.5	P68	236678	2130102	M	+549,625.49
1365009359292	K771	KILT CTL AGT	BAD	445280	445200	A	+607,860.63
1325002944152	E480	BOMB,GP 82-0,1	P68	5522	2881390	N	+612,280.47
1351000930619	R740	CASE 25 1	P68	2348	4118392	N	+622,188.70

TOTAL NET DIRECT COST ($) = +1,341,645.07

[1]DEMIL PROCESSING COST MINUS RECLAMATION VALUE

APPENDIX A

PART 5

ITEM RANKING BY SQUARE FOOTAGE RELEASED

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ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	SQ. FT. RELEASED[1]
1351000930619	R740	CASE 25 1	P67	5170	9068180	N	35,365.90
1320007825532	D544	PROJECTILE,155	P67	81823	7740455	M	30,187.79
1340000388444		RKT MOTOR,5.00	P67	84004	7321788	N	28,554.94
1340008116666		PROP GR 18 0	P68	275000	6600000	N	25,740.00
1351000930619	R740	CASE 25 1	P68	2348	4118392	N	16,061.76
1340000388355	H922	WHD,RKT 5.00 HE	P67	74326	3838937	N	14,971.87
1305000284556	A776	CTG,20MM M96	P67	6691995	3747516	N	14,615.33
1325004091727	E488	BOMB,GP 82 2	P64	7422	3673890	N	14,328.21
1361000929993		CASE,DC,LDD 8-0	P67	9817	3043270	N	11,868.79
1325002944152	E480	BOMB,GP 82-0,1	P63	5822	2881890	N	11,239.41
1305000286296	A525	CTG.50 AP M2	P68	9832760	2556517	N	9,970.43
1315005420502	C804	PROJ/CHG 120MM	P67	21778	2395580	M	9,342.76
1376006720265		TNT,RECLAIMED	P67	2372163	2372163	N	9,251.42
1361000929996	S505	CASE,DC,LDD 9-4	P67	6255	2189250	N	8,538.11
1305002942234		CTG,20MM HE	P68	3827268	2181542	N	8,508.01
1305002942234		CTG,20MM HE	P64	3791052	2160899	N	8,427.51
1340000286090	H600	ROCKET,HEAT,3.5	P68	236678	2130102	M	8,307.39
1325000740389	E191	DISP/BOM CBU 15	P68	2762	2071500	N	8,078.85
1351000930623		CASE 39 0	P64	1139	2033115	N	7,929.17
1351000763225		MINE 39 0	P67	999	1930567	N	7,529.18
131500AM20120		PROJ.90MM,HE A3	P68	96205	1924100	M	7,503.99
1351000930619	R740	CASE 25 1	P64	1077	1889058	N	7,367.33
1315006839444	C802	PROJ/CHG 120MM	P67	17758	1880394	M	7,333.56
1320005297331	D544	PROJECTILE,155	P68	19680	1861728	M	7,260.71
1340000388350	H902	WHD 12	P68	54545	1810892	N	7,062.51
131500	C496	CTG 105MM HE M323	B47	24834	1800400	A	7,021.56
1351007070663		CASE 50 0	P67	3849	1778238	N	6,935.14
1361000929996	S505	CASE,DC,LDD 9-4	P68	4567	1598450	N	6,233.99
1325000384542	E116	BOMB,DEPTH MK 5	P64	4871	1597688	N	6,230.95
1315006839444	C802	PROJ/CHG 120MM	P64	14670	1553406	M	6,058.26
1325004123867	F244	BOMB,GP,MK 82-1	P64	3067	1518165	N	5,920.82
1340006574862		IGNR 120	P68	122705	1472460	N	5,742.59
1305000391050	A745	CTG,20MM HET	P63	2568808	1464220	N	5,710.46
130500	A533	CTG CAL 50 API M8 LK	BKD	3808440	1378200	A	5,374.98
1325004601305	E485	BOMB,GP,MK 82-1	P63	2748	1360260	N	5,305.01
1340002286090	H600	ROCKET,HEAT,3.5	P67	150761	1356849	M	5,291.68
1320005297347	D487	PROJECTILE,155	P68	13816	1346256	M	5,250.21
1315009261897	C801	PROJECTILE AND	P67	15423	1313422	M	5,122.34
1340000366354	H922	WHD,RKT 5.00 HE	P67	24454	1263049	N	4,925.86

[1]USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON AND STORAGE COST AVOIDED

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	SQ. FT. RELEASED[1]
1361005409439	S526	DC,HE,7.2 MK4	P64	19438	1209431	N	4,716.82
1340000286093	H602	ROCKET,SMOKE,3.	P68	131915	1181957	M	4,609.64
1340000389146		ISKR 117 2	P68	96936	1163232	N	4,536.64
1325000285361	E107	BOMB,SAP M59A1	P64	1125	1143000	N	4,457.70
1315007527689	C807	PROJECTILE AND	P64	21052	1106282	M	4,314.49
1361000930623		CASE 39 0	P67	606	1061710	N	4,218.71
1376004722647		COMP A3,RECLMD	P67	1081298	1081298	N	4,217.07
1315007527689	C807	PROJECTILE AND	P67	20342	1068971	M	4,169.02
1315005420502	C804	PROJ/CHG 120MM	P64	9197	1011570	M	3,945.55
1320003927609	D232	PROJ,5/38 VT	P64	17977	981723	N	3,828.71
1340000286092	H601	ROCKET,PRACTICE	P68	105606	946229	M	3,690.26
1361005409439	S526	DC,HE,7.2 MK4	P67	14845	923655	N	3,602.27
1361000930563		CASE 18 0	P67	490	922670	N	3,598.45
1315003442313	C800	PROJECTILE AND	P68	10128	922112	M	3,596.27
1315000394104		PROJ,3/50 AP	P64	68237	891857	N	3,478.25
1340000286093	H602	ROCKET,SMOKE,3.	P67	99369	890346	M	3,472.33
131500	C267	CTG 90MM M71	B22	14161	885000	A	3,451.50
1340000388348	H901	WRHD 10	P68	27334	843253	N	3,288.71
1325000740389	E191	DISP/BOM CBU 15	P67	1122	841500	N	3,281.85
1376006539816		COMP B,RECLMD	P68	832655	832655	N	3,247.37
1320005551255	D402	PROJ,6/47 HC	P68	7921	828378	N	3,230.68
1361000388477	S513	WHD,DC,MK 4-0,3	P67	15085	813081	N	3,171.01
1340000388346	H900	WRHD 10	P68	27545	794946	N	3,100.27
1340000388341	H912	WHD,RKT 5.00 HE	P67	15706	793467	N	3,094.49
1315003442313	C800	PROJECTILE AND	P67	9070	772400	M	3,012.36
1305000284551	A765	CTG,20MM M95A1	P67	1323293	754275	N	2,941.69
1305004499055	A131	CTG 7.62MM 4 BALL-1	B21	7183600	748400	A	2,918.76
1315003442314	C806	PROJ/CHG 120MM	P67	7806	695904	M	2,714.01
1315005420418	C802	PROJ/CHG 120MM	P67	6316	694760	M	2,709.56
1315003226371	C802	PROJ/CHG 120MM	P64	6400	686784	M	2,678.44
1340000286092	H601	ROCKET,PRACTICE	P67	76195	662707	M	2,662.53
131500AM20149		PROJ, SA, 120MM	P68	14468	675076	M	2,632.81
1315005420418	C802	PROJ/CHG 120MM	P64	5993	659230	M	2,571.04
1340001437117	H600	ROCKET,HEAT,3.5	P64	72740	651750	M	2,541.86
134000	H602	RKT 3.5 IN 5P-T 127E	B47	34885	636200	A	2,457.78
1351000721815		UNI 060 36 1	P67	660	625680	N	2,440.15
1320002034309	D394	PROJ,6/47 AP	P68	4791	622830	N	2,429.08
1315005546747	C802	PROJECTILE AND	P67	5738	615744	M	2,401.39
1305003011587	A776	CTG,20MM M96	P67	1086404	606585	N	2,372.68

[1]USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON AND STORAGE COST AVOIDED

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	SQ. FT. RELEASED[1]
1315007527689	C807	PROJECTILE AND	P68	11528	595286	M	2,321.59
1315009261897	C801	PROJECTILE AND	P68	6985	594842	M	2,319.68
131500	C499	CTG 105MM SMK WP M32	B47	7680	576000	A	2,246.40
1320006393336	D309	CHG,PROP 5/54	P67	16461	561978	N	2,191.72
1376006283300		COMP A3	P68	554830	554830	N	2,163.88
1325006384582	E116	BOMB,DEPTH MK 5	P67	1685	552680	N	2,155.45
1370007944594	L585	MARKER 58 0	P64	42842	552661	N	2,155.37
134500	K180	MINE AT M15 HT HVY	BKD	11040	549800	A	2,144.22
1340007680633	H918	WRHD 10 9	P68	18112	547525	N	2,135.33
131500	C500	CTG 105MM HT M341	B47	9236	535600	A	2,088.84
1375000285208	M431	CHG DEMO LINEAR	BTD	8698	509600	A	1,987.44
1315006071599		PROJ,3/70 VT	P64	33962	509430	N	1,986.82
131500	C708	CTG 4.2 IN M2 SR M32	B47	13446	504200	A	1,966.38
1340001437117	H600	ROCKET,HEAT,3.5	P67	55014	492925	M	1,922.39
1356002024908		WHD,HBX 17 3	P67	391	482494	N	1,881.75
1320006074152		PROJ,8IN AP,20	P67	1333	476580	N	1,858.66
1361000388875	SW35	BSTR,AUX,DC 2-0	P64	1344270	470494	N	1,834.95
1305005554059	A545	CTG CAL 50 API M8 LK	B20	1133650	470400	A	1,834.56
1351000930540		CASE 6 0	P67	1023	467511	N	1,823.33
1315000284740	C292	CARTRIDGE,90 MI	P64	10793	447153	M	1,743.92
1365009359292	K771	RIET CTL AGT	BAD	445280	445200	A	1,736.28
1351007070663		CASE 50 0	P68	950	438900	N	1,711.71
1340000388361	H916	WRHD 8	P68	20485	436529	N	1,701.65
1315005557391	C136	CTG 3/50	P67	17502	435799	N	1,699.62
1325001337058	E802	DISP,CBU-63/B	P64	525	433125	N	1,689.17
1315008924113	C294	CTG 90MM M431 HT-T	BRD	7928	432200	A	1,685.58
1340009970314	H935	WRHD 7	P68	20549	431529	N	1,682.93
131500AM20147		PROJ, SA 120MM	P68	9130	426005	M	1,661.40
1320005409634	D394	PROJ,6/47 AP	P68	3232	420160	N	1,638.62
1376006539816		COMP B,RECLMD	P64	405600	405600	N	1,581.84
1351000930568	R739	CASE 25 1	P67	230	403420	N	1,573.34
1340000389149		IGNR 118 2	P68	33295	399540	N	1,558.21
1305003011665	A216	CTG,.30 BALL M2	P67	7005500	399313	M	1,557.35
1340000266092	H601	ROCKET,PRACTICE	P64	43987	394123	M	1,537.07
1320000394292		PROJ S-AY,5/25	P67	8343	393788	N	1,535.74
1351007070663		CASE 50 0	P64	846	390852	N	1,524.35
1305000391050	A745	CTG,20MM HET	P64	670282	382060	N	1,490.03
1351005936859	BW59	BATT CMPRT,LDD	P67	184	381248	N	1,486.84
1340000286093	H602	ROCKET,SMOKE,3.	P64	39610	354905	M	1,384.11

[1]USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON AND STORAGE COST AVOIDED

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	SQ. FT. RELEASED[1]
1315009575717	C600	PROJECTILE AND	P67	3414	337200	M	1,315.08
1305000391051	A744	CTG,20MM HEI	P68	591060	336904	N	1,313.91
1340003012007	J324	FZ,VT M402 A1	P64	121309	327534	N	1,277.41
1320000284378	D676	CHG PROP S IN M2	B8D	5450	321200	A	1,252.68
1390000931248		FUZE M66	P64	320389	320389	N	1,249.48
1315009269275	C660	CARTRIDGE,106 M	P67	7487	308464	M	1,202.99
1315003442314	C806	PROJ/CHG 120MM	P64	3439	306586	M	1,195.66
1315000284682	C032	CTG 75MM SMK WP	B21	8478	305200	A	1,190.28
1351007070666	R744	CASE 30 2	P67	338	302510	N	1,179.83
1305000286427	A570	CTG.50 TR M17	P68	1193450	297169	N	1,158.92
1390000389701		FZ PD 27 0	P68	1188097	297024	N	1,158.38
1320005557741	D394	PROJ,6/47 AP	P68	2252	292760	N	1,141.76
1340000388349	H902	WRHD 12	P68	8715	289338	N	1,128.43
1315000284740	C292	CARTRIDGE,90 MI	P68	6912	286364	M	1,116.80
134000AM20240		WHD RKT 5.0 HE	P68	9706	280115	N	1,092.47
1365000253273	K951	NAR GAS IDSE M1	P68	2536	278960	N	1,087.94
1310005557193		CASE,DC 7 0	P64	376	270720	N	1,055.81
1320005409661	D394	PROJ,6/47 AP	P68	2053	266690	N	1,040.91
1320005557743	D394	PROJ,6/47 AP	P68	2014	261820	N	1,021.10
1315000000495		CTG,3/50 VT	P67	10334	259383	N	1,011.58
1320000394764		PROJ S AY,8/55	P68	976	251925	N	982.49
1305005421196	A127	CTG 7.62MM 4 BALL-1	B21	22992200	238600	A	930.54
1315000284865	C305	PROJECTILE AND	P64	2646	234832	M	915.88
1365000253273	K951	NAR GAS IDSE M1	P67	2126	233860	N	912.05
1305000391051	A744	CTG,20MM HEI	P67	408318	232741	N	907.69
1320000391971	D272	CHG,PROP 5/38	P72	7390	225828	N	880.70
1365000253273	K951	NAR GAS IDSE M1	P64	2044	224640	N	876.88
1365008331712	K870	SMK POT,AN-M7T2	P71	8445	223792	N	872.82
1320005297347	D487	PROJECTILE,155	P67	2247	222497	M	867.75
1315000284427	C266	CARTRIDGE,90 MI	P67	5113	211831	M	826.18
1340000389148		IGNR 118 1	P68	17561	210732	N	821.89
1315003011080	C262	CARTRIDGE,90 MI	P64	5001	208091	M	811.59
1315000284751	C292	CARTRIDGE,90 MI	P64	5210	205534	M	801.61
1340007869415		RN 22 0	P68	37033	205533	N	801.61
1315000284431	C262	CARTRIDGE,90 MI	P67	4924	204687	M	799.03
1305000391051	A744	CTG,20MM HEI	P64	356141	203000	N	791.70
1325001136003	E506	BOMB,GP MK 83-4	P64	216	199800	N	779.22
1315000285006	C708	CARTRIDGE,4.2 I	P64	8440	199774	M	779.14
134000AM20249		WHD RKT 5.0 HE	P64	3819	198588	N	774.46

[1]USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON AND STORAGE COST AVOIDED

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	SQ. FT. RELEASED[1]
1340000388357	H922	WHD,RKT 5.00 HE	P67	3829	197767	N	771.26
1340000388345	H900	WRHD 10	P68	6828	197056	N	768.53
1320000284352	D545	PROJECTILE,155	P67	1923	196146	M	764.95
1305003011642	A562	CTG.50 INC M1	P68	804320	195449	N	762.22
1315007663712		CTG,3/70 VT	P67	5172	189553	N	739.28
1301006077174		DC,PRAC,4.00	P67	7455	186375	N	726.68
1305005557057	A776	CTG,20MM M96	P67	325200	185364	N	722.90
1351000930619	R740	CASE 25 1	P72	104	182416	N	711.44
1325001024261	E508	BOMB,GP 83 4	P64	193	178525	N	696.23
1315005557201	C140	CTG 3/50	P71	6996	174200	N	679.38
1370000778521	L426	FLARE A/C 45-0	P64	5690	173755	N	677.66
1305000284550	A765	CTG,20MM M95	P67	298580	170190	N	663.78
1340000388362		WHD,RKT 5.00 HE	P64	3203	166972	N	651.22
1301000929996	S505	CASE,DC,LDD 9-4	P64	476	166600	N	649.74
1305000284551	A765	CTG,20MM M95A1	BAD	208695	165800	A	646.62
1315005557201	C140	CTG 3/50	P72	6558	163294	N	636.87
1315005557201	C140	CTG 3/50	P67	6546	162995	N	635.70
1320006071620		PROJ S-AY,5/25	P67	2839	152596	N	595.14
1305000284555	A776	CTG,20MM M96	P67	271417	151993	N	592.80
1320000394012	D872	PRLJ,16/50 AP	P73	56	151200	N	589.68
1320005297347	D487	PROJECTILE,155	P64	1512	149718	M	583.91
1320000392037	D274	CHG,PROP 5/38	P72	4772	146023	N	569.48
1376006720265		TNT,RECLAIMED	P73	144870	144870	N	565.03
1325004091726	E487	BOMB,GP 82 1	P68	292	144540	N	563.71
1390004322193	NX77	BOLSTER,M21A4	P68	199995	143996	M	561.60
1305000286490	A576	CTG CAL 50 M8	BAD	359635	143800	A	560.82
131500AM20122		PROJ.90MM TNT	P68	7147	142940	M	557.47
1320000393748	D643	PRLJ,8/55 BLP/T	P64	546	141960	N	553.64
1320000394076	D839	CHG,PROP 16/50	P73	421	141035	N	550.06
1315005557391	C136	CTG 3/50	P72	5602	139489	N	543.97
1315005161518		CTG,3/70 VT	P67	3674	134652	N	525.17
1320000284879	D541	CHG PROP 155MM	BAD	4375	133400	A	520.26
1310000391304	B559	CTG 40MM HEI-T MK11	BRD	18471	133000	A	518.70
1340000286090	H600	ROCKET,HEAT,3.5	P64	14753	132777	M	517.84
1375000285208	M431	CHG DEMO LINEAR	BAD	2389	132600	A	517.14
130500AM20056		PROJ 20MM SA	P68	503690	131463	N	512.69
1301000388134		TL ASSY,3-0,2,3	P67	13531	127867	N	498.65
1330008924885	G990	GRENADE,RIFLE	P64	81213	126692	M	494.13
1305000284546	A775	CTG,20MM M97	P67	218282	124420	N	485.24

[1]USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON AND STORAGE COST AVOIDED

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	SQ. FT. RELEASED[1]
1325000384581	E116	BOMB,DEPTH MK 5	P67	379	124312	N	484.85
131000AM20325		57MM MIXED	P64	21991	120670	M	468.31
1315000284817	C499	CTG 105MM SMK WP M32	BRD	1600	120000	A	468.00
1320000393680	D631	PROJ,8/55 HC	P64	469	119412	N	465.74
1315000284482	C273	CARTRIDGE,.50 MI	P67	2832	119057	M	464.33
1320000393351	D310	CHG,PROP 5/54	P64	3458	118056	N	460.43
1305009346878	A793	CTG.20MM LNK.	P67	206670	117801	N	459.42
1305009502658	A847	CTG 20MM LKD	B20	148752	117600	A	458.64
1320000391971	D272	CHG,PROP 5/38	P71	3810	116586	N	454.66
1320000393680	D631	PROJ,8/55 HC	P68	454	115592	N	450.84
1305000286378	A559	CTG.50BLANK LNK	P67	884920	112384	N	438.28
1351000763172		MINE 39 0	P67	58	112085	N	437.11
1305000391048	A746	CTG,20MM HEI-DI	P68	194019	110590	N	431.34
1340008063408	H342	RKT MOTOR,JATO	P65	538	110419	N	430.64
1376006283333		TNT,TY 1	P67	110055	110055	N	429.23
1305005557056	A775	CTG,20MM M97	P67	192481	109714	N	427.91
1320000393336	D309	CHG,PROP 5/54	P64	3140	107199	N	418.08
1361009120458		DEPTH CHARGE,MI	P71	210	105025	N	409.58
1361009120458		DEPTH CHARGE,MI	P64	210	105025	N	409.58
1305000286174	A209	CTG CAL 30 AP API	B20	1361150	104600	A	408.72
1340009346875	H937	WRHD 10	P68	3561	104729	N	408.41
1305008922150	A131	CTG 7.62MM BALL TR L	B20	1076174	103600	A	404.04
1305003611665	A216	CTG,.30 BALL M2	P64	1806864	102991	M	401.70
130500AM20055		CTG 20MM MIXED	P64	171746	101330	N	395.23
1305000391050	A745	CTG,20MM HET	P67	175103	99603	N	389.22
1390000284906	N330	FZ PT DET	B20	25794	99400	A	387.66
1325000384618	F976	FUZE,MK 230-4	P67	6618	99270	N	387.19
133000	G970	GREN RIFLE FT M31 W/	BRD	12642	98800	A	385.32
1376009084216		HBX-1,GRD B	P67	97310	97310	N	379.55
1320005297348	D485	PROJECTILE,155	P64	1016	96794	M	377.52
1305000286517	A209	CTG,.30 LINKED	P73	1639168	96710	N	377.21
1340008063408	H342	RKT MOTOR,JATO	P67	464	95231	N	371.44
1315000284864	C800	PROJECTILE AND	P67	1108	94357	M	368.00
1340000388398	H655	RT TY22	P67	1813	93532	N	364.81
1325009305866	F497	CLUSTER,CHM AGT	P67	1990	93530	N	364.81
1340000385277	H436	PRLP GR,RKT	P67	64827	93309	N	363.87
1320008240811		CHG SUPP (A1 CASE)	B08	196614	93000	A	362.70
1315007527574	C280	CARTRIDGE,90 MI	P67	2222	92213	M	359.66
131000	B552	CTG 40MM APT M81	B12	13795	92000	A	358.80

[1]USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON AND STORAGE COST AVOIDED

ECONOMIC EVALUATION OF DEMILITARIZATION
ON-SITE ANALYSIS OF 252 HIGH TONNAGE ITEMS
USING DEC. 1976 INVENTORY
80,000 LBS - OVER

DATE 04/20/77

NSN	DODIC	NOMENCLATURE	LOC	QUANTITY (UNITS)	WEIGHT (LBS)	SRV	SQ. FT. RELEASED[1]
1320000394008	D872	PRLJ,16/50 AP	P73	34	91800	N	358.02
1345000285118	K180	MINE AT M15	BPD	1860	91000	F	354.90
1320000899784	D845	CHG,PROP 16/50	P68	567	90720	N	353.81
1315006071600		PRLJ,3/70 VT	P64	6048	90720	N	353.81
1305000284544	A775	CTG,20MM M97	P67	158505	90347	N	352.33
1340006077171		WHD,3.25 HE 2-O	P67	5693	90280	N	352.09
1340009303469	H653	RT TY21	P68	1698	89637	N	349.60
137600FD05899	053A	6/47 SPD	P68	88632	88632	N	345.70
1320005602085	D235	PRLJ,5/38 HC	P67	1661	88564	N	345.38
1325009187053	F837	FUZE,MK 344-0	P65	19951	86587	N	337.66
1320000394038	D881	PRLJ,16/50 BLPT	P64	32	86400	N	336.96
1305003050908	A230	CTG,.30 TRA M25	P68	1526730	85499	M	333.45
1330000285825	G800	ADPTR,GREN,M1A1	P68	224286	85228	M	332.36
1320000393808	D608	CHG,PROP 8/55	P68	1813	85211	N	332.36
1315000284821	C500	CTG 105MM HT/RR	B4D	1464	85000	A	331.50
1340000388344	H915	WRHD 7	P68	4216	83940	N	327.37
130500449H068	A131	CTG 7.62MM BALL TR	BRD	862984	83000	A	323.70
1325005407629	E480	BOMB,GP MK 82-1	P68	162	80190	N	312.78

TOTAL SPACE RELEASED = 692,900.75 SQ. FT.

[1]USED AVERAGE STORAGE DENSITY OF 7.8 SQ. FT. PER TON AND STORAGE COST AVOIDED

ECONOMIC ANALYSIS
FOR
DEMILITARIZATION AND DISPOSAL

APPENDIX B

LEAST-COST ANALYSIS
(50-YR AND 5-YR TIME LIMIT)
DETAILED OUTPUT

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APPENDIX B

PART 1

TERMS AND CODES

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TERMS AND CODES

ALLOCATION QUANTITY - the number of items demilled

DEMIL METHOD - the least-cost method of demil

DODIC - a computer generated alphanumeric code used instead of the Department of Defense Identification Code

INV ORIG - the inventory origin or location of the item

CR - Crane	MC - McAlester	SN - Seneca
EA - Earle	NV - Navajo	SR - Sierra
FW - Fort Wingate	PU - Pueblo	SV - Savanna
HA - Hawthorne	RR - Red River	TE - Tooele
KE - Keyport	SB - Seal Beach	YT - Yorktown
LK - Letterkenny		

NET DIRECT COST - process cost plus transportation cost minus reclamation value

NOMENCLATURE - self explanatory

NUMBER OF SHIFTS - the number of 8-hr shifts required for demilitarization

PROCESS COST - the demil processing cost of the allocated quantity

RECLAMATION VALUE - the value of the reclaimed materials

TONNAGE - total weight (in tons) of the allocated quantity

TOTAL - the total of the column directly above, i.e, NET COST, TRANSPORTATION COST, PROCESS COST, and RECLAMATION VALUE

TOTAL NO. OF SHIFTS BY METHOD - the four values represent the total number of 8-hr shifts for demil by furnace, detonation, washout, and burning, respectively

TOTAL TONNAGE BY DEMIL METHOD - the four values represent the total weight (in tons) of all items demilled by furnace, washout, detonation, and burning, respectively

TRANSPORTATION COST - the cost to transport the allocated quantity to the demil location from the INV ORIG using 9.5¢ per ton/mile

APPENDIX B

PART 2

LEAST-COST ANALYSIS, 50-YR TIME LIMIT

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LOCATION	PAGE
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Letterkenny	186
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Sierra	191
Navajo	192
Lex-Blugrass	193
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Grand Totals	206

DEMIL LOCATION IS ANNISTON ARMY DEPOT DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X145	BOMB,SAP M59A1	571.50	25.00	WASHOUT(B)	1125	CR	-28770.00	25626.00	45504.00	99900.00
X150	BOMB,GP M3 4	89.20	4.39	DETONATION(C)	193	CR	+7995.00	4003.00	3992.00	0.00
X151	BOMB,GP M 83-4	99.90	4.91	DETONATION(C)	216	CR	+8948.00	4480.00	4468.00	0.00
X116	CHG,PROP M/55	42.61	1.21	BURNING(D)	1813	MC	+4402.00	2756.00	1650.00	4.00
X252	CHG DEMO LIME	69.19	3.19	BURNING(D)	2589	AN	+1526.00	0.00	2899.00	1371.00
X107	CHG PROP 155M	66.75	6.75	BURNING(D)	4375	AN	+7350.00	0.00	7963.00	613.00
X215	MINE AT M15 AT HVY	274.90	3.94	BURNING(D)	11040	LK	+24596.00	20918.00	3588.00	0.00
X174	RKT 3.5 IN HP-T 12	315.19	5.91	BURNING(D)	34885	LX	+9026.00	11348.00	5291.00	7613.00
X173	ROCKET,PRACTICE	157.06	7.33	BURNING(D)	43987	CR	+5506.00	8836.00	6672.00	9600.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	571.50	189.16	965.65	TOTAL $40893.00+	TOTAL $77967.00	TOTAL $82027.00	TOTAL $119101.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	25.00	9.30	30.23				

DEMIL LOCATION IS LETTERKENNY DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV UNIT	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X224	CASE 25 1	91.21	2.31	WASHOUT(B)	104	YT	+6352.00	2469.00	4931.00	1048.00
X208	RKT MOTOR,JATO	55.21	0.05	BURNING(D)	538	EA	+362.00	1065.00	72.00	775.00
X109	CHG,PROP 5/38	73.01	2.39	BURNING(D)	4772	YT	+4523.00	1977.00	2546.00	0.00
X108	CHG,PROP 5/38	112.91	3.69	BURNING(D)	7360	YT	+6994.00	3057.00	3937.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	91.21	.00	241.13	TOTAL $18231.00+	TOTAL $6568.00	TOTAL $11486.00	TOTAL $1823.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	2.31	.00	6.13				

DEMIL LOCATION IS PUEBLO ARMY DEPOT DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X146	BOMB,DEPTH MN 5	62.10	6.42	#ASHOUT(B)	379	HA	-4222.00	3218.00	16403.00	23843.00
X213	UMN 060 36 1	312.94	14.67	#ASHOUT(B)	660	HA	-50001.00	16197.00	28565.00	94763.00
X228	CASE 50 0	1778.24	153.96	#ASHOUT(B)	7698	HA	-62724.00	92068.00	299852.00	454644.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	2153.24	.00	.00	TOTAL $116947.00-	TOTAL $111483.00	TOTAL $344820.00	TOTAL $573250.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	177.05	.00	.00				

DEMIL LOCATION IS RED RIVER DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X170	ADPTR,GREN,M1A1	42.61	0.23	FURNACE(A)	224256	MC	-144.00	919.00	489.00	1552.00
X030	CTG.50 IAC M1	96.52	4.19	FURNACE(A)	804320	MC	-11922.00	2081.00	9716.00	23719.00
X034	CTG 7.62MM BALL TR	43.15	0.90	FURNACE(A)	862964	RR	-345159.00	0.00	1881.00	347040.00
X154	[illegible],GP 52 1	72.27	6.49	WASHOUT(B)	292	MC	-1636.00	1559.00	12043.00	15237.00
X228	CASE 50 0	219.45	19.00	WASHOUT(B)	950	MC	-18315.00	4732.00	33060.00	56107.00
X224	CASE 25 1	2059.20	52.16	WASHOUT(B)	2348	MC	+117581.00	44407.00	96842.00	23668.00
X213	WRHD 10	52.36	4.45	WASHOUT(B)	3561	MC	-690.00	1129.00	7745.00	9764.00
X153	BOMB,GP 82-0,1	1440.94	129.38	WASHOUT(B)	5822	MC	-25574.00	31074.00	240125.00	296573.00
X186	WRHD 12	144.67	10.39	WASHOUT(B)	8715	MC	-6632.00	3120.00	18955.00	28707.00
X360	PROJ, SA 120MM	213.00	10.14	WASHOUT(B)	9130	MC	-108132.00	4593.00	17651.00	130376.00
X185	WRHD 10	421.53	34.17	WASHOUT(B)	27334	MC	-6407.00	9092.00	59451.00	74950.00
X184	WRHD 10	397.47	34.43	WASHOUT(B)	27545	MC	-7046.00	8572.00	59910.00	75528.00
X187	WRHD 12	905.45	68.18	WASHOUT(B)	54545	MC	-41510.00	19526.00	118635.00	179671.00
X071	CTG 105MM SMK WP M	60.30	0.40	BURNING(D)	1600	RR	-2099.00	0.00	557.00	2656.00
X182	WRHD 7	41.97	1.05	BURNING(D)	4216	MC	+1082.00	905.00	1467.00	1290.00
X127	PROJ,6/47 AP	311.41	4.79	BURNING(D)	4791	MC	+2483.00	6716.00	8336.00	12569.00
X093	PROJ,3/70 VT	45.36	1.01	BURNING(D)	6048	CR	+3165.00	2568.00	1754.00	1157.00
X058	PROJ.90MM TNT	71.47	1.19	BURNING(D)	7147	MC	-19971.00	1541.00	2073.00	23585.00
X133	PROJ,6/47 HC	414.19	7.92	BURNING(D)	7921	MC	+1934.00	8932.00	13783.00	20781.00
X175	WHD NAT 5.0 HE	140.08	2.43	BURNING(D)	9706	MC	-241.00	3020.00	3378.00	6639.00
X177	ROCKET,HEAT,3.5	66.39	2.46	BURNING(D)	14753	CR	+4817.00	3759.00	4278.00	3220.00
X191	WRHD 8	218.17	5.12	BURNING(D)	20485	MC	+4828.00	4705.00	7129.00	7006.00
X214	WRHD 7	215.76	5.14	BURNING(D)	20549	MC	+5146.00	4653.00	7151.00	6658.00
X092	PROJ,3/70 VT	254.71	5.66	BURNING(D)	33962	CR	+17773.00	14422.00	9849.00	6498.00
X076	PROJ,3/50 AP	445.93	11.37	BURNING(D)	68237	CR	-222614.00	25248.00	19789.00	267851.00
X200	ROCKET,HEAT,3.5	325.87	12.12	BURNING(D)	72740	CR	+23671.00	18451.00	21095.00	15875.00
X177	ROCKET,HEAT,3.5	1065.05	39.45	BURNING(D)	236678	MC	+35952.00	22968.00	68637.00	51653.00

TOTAL TONNAGE BY DEMIL METHOD =	182.26		.00		TOTAL	TOTAL	TOTAL	TOTAL
		5926.44		3676.34	$595860.00-	$248692.00	$845779.00	$1690330.00
TOTAL NO. OF SHIFTS BY METHOD =	5.32		.00					
		369.31		100.11				

DEMIL LOCATION IS TOOELE ARMY DEPOT DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X222	CASE 1b 0	4c1.3b	10.69	WASHOUT(B)	490	HA	-119548.00	21563.00	22435.00	163346.00
X073	PROJECTILE A.D	47.1C	1.23	WASHOUT(B)	1108	HA	-11080.00	2205.00	2537.00	15822.CC
X063	CARTRIDGE,90 MI	1C5.92	2.05	WASHOUT(B)	5113	HA	-11569.00	4951.00	3371.00	19890.00
X101	PROJECTILE A.C	656.71	17.14	WASHOUT(B)	15423	HA	-154237.00	30695.00	35308.00	220240.00
X096	PROJECTILE A.D	534.49	22.60	WASHOUT(B)	20342	HA	-217546.00	24982.00	46570.00	289098.00
X252	CHG DEMO LINEAR	251.69	8.28	DETONATION(C)	8698	TE	+4110.00	0.00	9103.00	4993.CC
X260	TNT,RECLAIMED	72.43	1.45	DETONATION(C)	144870	KE	+8969.00	6978.00	1991.00	0.00
X260	TNT,RECLAIMED	11c6.0b	23.72	DETONATION(C)	2372163	HA	+88031.00	55437.00	32594.00	0.00
X064	CARTRIDGE,90 MI	102.44	0.82	BURNING(D)	4924	HA	+1591.00	4788.00	902.00	4099.00
X203	WHD,3.25 KE 2-0	46.14	0.98	BURNING(D)	5893	HA	+1903.00	2110.00	1079.00	1286.CC
X240	DC,PRAC,4.00	93.19	1.86	BURNING(D)	7455	HA	+6404.00	4356.00	2048.00	0.00
X232	TL ASSY,3-0,C,3	63.33	0.90	BURNING(D)	13531	HA	+4227.00	2988.00	1239.00	0.00
X199	WHD,SMT 5.00 HE	1919.47	16.58	BURNING(D)	74326	HA	+59297.00	89716.00	20419.00	50838.00
X178	ROCKET,PRACTICE	341.35	12.70	BURNING(D)	76195	HA	+13281.00	15955.00	13955.00	16629.00
X180	PROP GP,RKT	46.05	21.21	BURNING(D)	84827	HA	-82592.00	2181.00	23304.00	108077.CO
X177	ROCKET,HEAT,3.5	678.42	25.13	BURNING(D)	150761	HA	+26420.00	31710.00	27612.00	32902.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	1510.4C		TOTAL	TOTAL	TOTAL	TOTAL
	1805.63		3290.59	$382139.00-	$300615.00	$244467.00	$927220.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	33.45					
	53.91		82.18				

DEMIL LOCATION IS SAVANNA ARMY DEPOT DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X045	CTG 40MM APT M81	46.01	3.63	BURNING(J)	13795	SV	-13799.00	0.00	5238.00	19037.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	.00	.00	46.01	TOTAL $13799.00-	TOTAL $0.00	TOTAL $5238.00	TOTAL $19037.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	.00	.00	3.63				

DEMIL LOCATION IS SIERRA ARMY DEPOT DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X020	CTG CAL 50 MG	71.97	3.27	FURNACE(A)	359835	SR	-18518.00	0.00	6491.00	25009.00
X017	CTG,DOBLANK LNK	57.52	2.04	FURNACE(A)	884920	HA	-47428.00	765.00	15964.00	64157.00
X219	MINE 39 0	56.04	0.41	DETONATION(C)	56	HA	+1978.00	745.00	1233.00	0.00
X229	CASE 36 2	151.25	1.10	DETONATION(C)	338	HA	+5278.00	2012.00	3266.00	0.00
X230	AMO,HEX 17 3	241.25	2.79	DETONATION(C)	391	HA	+11521.00	3209.00	8312.00	0.00
X226	CASE 59 0	540.25	4.33	DETONATION(C)	606	HA	+20075.00	7193.00	12882.00	0.00
X220	MINE 39 0	965.26	7.14	DETONATION(C)	999	HA	+34074.00	12838.00	21236.00	0.00
X221	CASE 6 0	233.76	7.31	DETONATION(C)	1023	HA	+19239.00	3109.00	21746.00	5616.00
X085	CTG,5/7G VT	67.30	0.26	DETONATION(C)	3674	HA	+1676.00	895.00	781.00	0.00
X097	CTG,5/7G VT	94.78	0.37	DETONATION(C)	5172	HA	+2360.00	1261.00	1099.00	0.00
X102	CARTRIDGE,10G M	154.25	3.50	DETONATION(C)	7497	HA	+11362.00	2051.00	10412.00	1101.00
X208	RKT MOTOR,JATO	47.62	0.02	BURNING(D)	464	HA	+11.00	633.00	46.00	668.00
X248	SMK POT,AN-M7T2	111.70	1.69	BURNING(D)	8445	SB	+7777.00	5017.00	3351.00	591.00
X111	CTG,PROP 5/54	260.95	3.29	BURNING(D)	16461	HA	-94631.00	3737.00	9798.00	108366.00

TOTAL TONNAGE BY DEMIL METHOD =	129.49	2504.77		TOTAL	TOTAL	TOTAL	TOTAL
	.00		440.51	$45426.00-	$43465.00	$116617.00	$205508.00
TOTAL NO. OF SHIFTS BY METHOD =	11.31	27.21					
	.00		5.00				

DEMIL LOCATION IS NAVAJO ARMY DEPOT DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X241	DEPTH CHARGE,MI	52.51	1.75	WASHOUT(B)	210	SE	-8672.00	2674.00	3688.00	15034.00
X052	CTG 90MM M71	442.55	12.67	WASHOUT(B)	14161	NV	-21177.00	0.00	33909.00	55086.00
X108	CHG,PROP 5/38	50.24	0.51	BURNING(D)	3810	SE	+3860.00	2968.00	892.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	.00		TOTAL	TOTAL	TOTAL	TOTAL
	495.04		58.29	$25989.00-	$5642.00	$38489.00	$70120.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	.00					
	14.62		.51				

DEMIL LOCATION IS LEXINGTON BLUEGRASS DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X241	DEPTH CHARGE,MI	52.51	1.75	WASHOUT(B)	210	CR	-11741.00	963.00	2330.00	15034.00
X228	CASE 50 0	195.45	10.92	WASHOUT(B)	846	CR	-18220.00	3583.00	28162.00	49965.00
X130	PROJECTILE,155	48.40	1.69	WASHOUT(B)	1016	CR	+1807.00	887.00	2818.00	1898.00
X224	CASE 25 1	944.53	23.93	WASHOUT(B)	1077	CR	+48952.00	17318.00	42490.00	10856.00
X226	CASE 39 0	1016.56	25.31	WASHOUT(B)	1139	CR	+63575.00	18639.00	44936.00	0.00
X074	PROJECTILE AND	117.42	2.94	WASHOUT(B)	2646	CR	-35468.00	2153.00	4893.00	42514.00
X176	HD RET 5.0 HE	55.25	4.77	WASHOUT(B)	3819	CR	-11592.00	1821.00	7945.00	21358.00
X081	CARTRIDGE,90 MI	104.05	4.55	WASHOUT(B)	5001	CR	+5312.00	1908.00	7567.00	4163.00
X070	CARTRIDGE,90 MI	102.77	4.74	WASHOUT(B)	5210	CR	-5745.00	1884.00	7883.00	15512.00
X155	BOMB,GP 82 2	189.94	185.55	WASHOUT(B)	7422	CR	-44786.00	33680.00	308829.00	387295.00
X069	CARTRIDGE,90 MI	223.52	9.81	WASHOUT(B)	10793	CR	-11704.00	4099.00	16331.00	32134.00
X110	PROJ,5/38 VT	490.86	19.97	WASHOUT(B)	17977	CR	-20358.00	9000.00	33245.00	62603.00
X096	PROJECTILE AND	553.14	23.39	WASHOUT(B)	21052	CR	-250115.00	10142.00	38932.00	299189.00
X053	CTG 105MM HE M323	910.25	24.83	WASHOUT(B)	24834	LX	-141196.00	0.00	41334.00	182530.00
X126	CHG,PROP 16/90	45.36	0.00	BURNING(D)	567	MC	+3516.00	3516.00	0.00	0.00
X111	CHG,PROP 5/54	53.66	0.63	BURNING(D)	3140	CR	-16991.00	983.00	697.00	20671.00
X112	CHG,PROP 5/54	59.93	0.69	BURNING(D)	3456	CR	-20916.00	1082.00	767.00	22765.00
X054	CTG 105MM SMK WP M	266.00	4.52	BURNING(D)	7660	LX	-9240.00	0.00	3509.00	12749.00
X251	MARKER 58 0	276.33	8.57	BURNING(D)	42842	CR	+9836.00	5067.00	9507.00	4738.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	.00		TOTAL	TOTAL	TOTAL	TOTAL
	6685.71		722.32	$467074.00-	$116725.00	$602175.00	$1185974.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	.00					
	350.15		14.41				

DEMIL LOCATION IS CRANE NAD DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLLCATION QUANTITY	INV DRIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X169	GREN RIFLE HT M31	49.45	0.11	FURNACE(A)	12642	LK	+3551.00	3386.00	165.00	0.00
X201	FZ,VT M402 A1	1[illegible]3.77	40.44	FURNACE(A)	121309	CK	-36150.00	0.00	6187.00	42337.00
X006	CTG 20MM MIXED	90.67	7.81	FURNACE(A)	171746	CK	-7100.00	0.00	10957.00	18057.00
X011	CTG 20MM AP-T M95	62.61	11.93	FURNACE(A)	208695	AA	-44630.00	2807.00	918.00	48355.00
X264	FUZE M66	169.19	32.04	FURNACE(A)	320369	CK	+40882.00	0.00	40882.00	0.00
X025	CTG,20MM HEI	101.50	16.19	FURNACE(A)	356141	CK	-14723.00	0.00	22722.00	37445.00
X024	CTG,20MM HET	191.03	30.47	FURNACE(A)	670262	CK	-27709.00	0.00	42764.00	70473.00
X031	CTG,.30 BALL M2	54.21	18.07	FURNACE(A)	1806864	CK	-10660.00	0.00	1265.00	11925.00
X028	CTG,20MM HE	1060.45	172.32	FURNACE(A)	3791052	CR	-156722.00	0.00	241869.00	398591.00
X158	BOMB,GP MK 82-1	40.39	13.50	WASHOUT(B)	162	MC	-5042.00	2499.00	912.00	8453.00
X239	CASE,EC 7 0	135.36	6.27	WASHOUT(B)	376	CR	-48176.00	0.00	520.00	48696.00
X237	CASE,DC,LOD 9-4	83.30	7.93	WASHOUT(B)	476	CR	+658.00	0.00	658.00	0.00
X115	PROJ,F/55 BLP/T	70.46	1.56	WASHOUT(B)	546	CK	-7144.00	0.00	420.00	7564.00
X072	CTG 105MM HT/RR	42.56	2.44	WASHOUT(B)	1464	SA	-2057.00	2709.00	739.00	5505.00
X162	BOMB,GP,MK 82-1	759.08	255.58	WASHOUT(B)	3067	CR	-142772.00	0.00	17270.00	160042.00
X237	CASE,DC,LOD 9-4	799.22	78.12	WASHOUT(B)	4567	MC	+56124.00	49808.00	6316.00	0.00
X147	BOMB,DEPTH MK 5	736.84	405.92	WASHOUT(B)	4871	CR	-279006.00	0.00	27429.00	306435.00
X086	PROJ/CHG 120MM	329.61	14.98	WASHOUT(B)	5993	CR	-82883.00	0.00	2697.00	85580.00
X082	PROJ/CHG 120MM	343.39	16.00	WASHOUT(B)	6400	CR	-88512.00	0.00	2880.00	91392.00
X087	PROJ/CHG 120MM	505.33	22.99	WASHOUT(B)	9197	CR	-127194.00	0.00	4139.00	131333.00
X094	PROJ/CHG 120MM	776.70	36.66	WASHOUT(B)	14670	CR	-202866.00	0.00	6602.00	209488.00
X238	DC,HE,7.2 MK4	604.72	323.97	WASHOUT(B)	19438	CR	-120920.00	0.00	23699.00	144619.00
X129	PROJECTILE,155	74.98	3.62	DETONATION(C)	1512	CR	+4630.00	0.00	4630.00	0.00
X129	PROJECTILE,155	674.13	27.23	DETONATION(C)	13616	MC	+83710.00	42012.00	41698.00	0.00
X046	57MM MIXED	68.04	8.80	DETONATION(C)	21991	CR	+2133.00	0.00	2133.00	0.00
X179	ROCKET,SMOKE,3.	177.45	180.05	DETONATION(C)	39610	CR	+22449.00	0.00	22657.00	208.00
X122	PROJ,16/50 BLPT	43.20	0.64	BURNING(D)	32	CR	-1399.00	0.00	817.00	2216.00
X244	WAR GAS IDSE M1	112.42	5.18	BURNING(D)	2044	CR	+2064.00	0.00	2064.00	0.00
X244	WAR GAS IDSE M1	139.43	10.14	BURNING(D)	2536	MC	+11253.00	8692.00	2561.00	0.00
X055	CTG 105MM HT M341	267.06	12.81	BURNING(D)	9236	LA	+1262.00	4910.00	3279.00	6927.00
X259	COMP B,RECLMD	202.80	8.92	BURNING(D)	405600	CR	+13502.00	0.00	13502.00	0.00
X249	RIOT CTL AGT	222.04	1781.12	BURNING(D)	445280	AN	+459716.00	9983.00	449733.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	1913.86	986.48		TOTAL	TOTAL	TOTAL	TOTAL
	5289.62		988.34	$703751.00-	$126806.00	$1005084.00	$1835641.00
TOTAL NO. OF SHIFTS BY METHOD =	329.38	219.10					
	1183.94		1821.21				

DEMIL LOCATION IS EARLE DATE: 04/19/77

DUDIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X001	CTG CAL 50 API HB	665.52	48.39	FURNACE(A)	3806440	LK	-228997.00	13220.00	33895.00	276112.00

TOTAL TONNAGE BY DEMIL METHOD =	665.52	.00	.00	.00	TOTAL $226997.00-	TOTAL $13220.00	TOTAL $33895.00	TOTAL $276112.00
TOTAL NO. OF SHIFTS BY METHOD =	48.39	.00	.00	.00				

DEMIL LOCATION IS HAWTHORNE DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X227	BATT CMBAT,LCC	190.82	0.01	FURNACE(A)	184	HA	-993.00	0.00	1.00	994.00
X148	FUZE,MK 230-4	49.63	0.28	FURNACE(A)	6618	HA	-14408.00	0.00	350.00	14758.00
X262	FZ PT SET	49.65	1.17	FURNACE(A)	25794	SR	-7646.00	660.00	77.00	8383.00
X044	CTG 20MM LKD	58.76	3.72	FURNACE(A)	148752	SR	-36332.00	781.00	298.00	37411.00
X037	CTG,20MM M97	54.56	4.41	FURNACE(A)	192481	HA	-19852.00	0.00	385.00	20237.00
X009	CTG,20MM M97	62.21	5.46	FURNACE(A)	218282	HA	-22513.00	0.00	437.00	22950.00
X010	CTG,20MM M95	85.16	7.46	FURNACE(A)	298560	HA	-34468.00	0.00	597.00	35065.00
X038	CTG,20MM M96	92.66	8.13	FURNACE(A)	325200	HA	-40816.00	0.00	650.00	41466.00
X041	CTG 7.62 BALL TR	53.91	22.42	FURNACE(A)	1076174	SR	-20657.00	716.00	1722.00	23095.00
X029	CTG,20MM M96	304.19	27.16	FURNACE(A)	1086404	HA	-136354.00	0.00	2173.00	138527.00
X036	CTG CAL 50 API M8	232.46	28.34	FURNACE(A)	1133650	SR	-77285.00	3091.00	1814.00	82190.00
X011	CTG 20MM AP-T M95	396.09	33.08	FURNACE(A)	1323293	HA	-303960.00	0.00	2647.00	306607.00
X013	CTG,20MM M96	1873.76	167.30	FURNACE(A)	6691995	HA	-839912.00	0.00	13384.00	853296.00
X031	CTG,.50 BALL M2	210.16	145.45	FURNACE(A)	7085500	HA	-35027.00	0.00	11209.00	46236.00
X147	FUZE,DEPTH MK 5	270.34	70.21	WASHOUT(B)	1665	HA	-96567.00	0.00	9436.00	106003.00
X212	RT TY21	44.32	6.49	WASHOUT(B)	1698	MC	+1547.00	5642.00	1051.00	5146.00
X105	PROJECTILE,155	98.07	3.70	WASHOUT(B)	1923	HA	-2914.00	0.00	8045.00	10959.00
X095	CARTRIDGE,90 MI	46.11	5.56	WASHOUT(B)	2222	HA	-7406.00	0.00	1238.00	8644.00
X157	BOMB,GP,MK 82-1	660.13	65.43	WASHOUT(B)	2748	MC	-48813.00	85611.00	8972.00	143396.00
X103	PROJECTILE A.D	168.60	8.54	WASHOUT(B)	3414	HA	-46850.00	0.00	1902.00	48752.00
X190	FMD,RKT 5.00 HE	98.36	3.83	WASHOUT(B)	3829	HA	+2985.00	0.00	12494.00	9511.00
X089	PROJECTILE A.D	307.87	14.35	WASHOUT(B)	5738	HA	-78743.00	0.00	3196.00	81939.00
X086	PROJ/CHG 120MM	347.30	15.79	WASHOUT(B)	6316	HA	-86674.00	0.00	3518.00	90192.00
X183	FRHD 10	98.58	8.20	WASHOUT(B)	6828	MC	-4758.00	12402.00	1562.00	18722.00
X083	PROJECTILE A.D	386.20	22.68	WASHOUT(B)	9070	HA	-124468.00	0.00	5052.00	129520.00
X236	CASE,EC,LCC 8-0	1521.63	70.12	WASHOUT(B)	9617	HA	-509721.00	0.00	203386.00	713107.00
X238	DC,ME,7.2 MK4	401.83	106.64	WASHOUT(B)	14845	HA	-100352.00	0.00	10095.00	110447.00
X233	FMD,DC,MK 4-0,3	406.54	107.75	WASHOUT(B)	15085	HA	-107948.00	0.00	10258.00	118206.00
X181	FMD,RKT 5.00 HE	396.73	18.85	WASHOUT(B)	15706	HA	-35420.00	0.00	3594.00	39014.00
X094	PROJ/CHG 120MM	940.20	44.40	WASHOUT(B)	17758	HA	-243093.00	0.00	9891.00	253584.00
X205	FRHD 10 9	273.76	21.74	WASHOUT(B)	18112	MC	-11059.00	34460.00	4144.00	49663.00
X087	PROJ/CHG 120MM	1137.79	54.45	WASHOUT(B)	21778	HA	-298660.00	0.00	12130.00	310990.00
X188	FMD,RKT 5.00 HE	691.52	24.45	WASHOUT(B)	24494	HA	+19051.00	0.00	79794.00	60743.00
X200	ROCKET,HEAT,3.5	246.40	91.69	WASHOUT(B)	55014	HA	+3123.00	0.00	15129.00	12006.00
X141	PROJECTILE,155	3870.22	157.35	WASHOUT(B)	81823	HA	-131782.00	0.00	21110.00	152892.00
X223	CASE 25 1	403.42	9.20	DETONATION(C)	460	HA	+13342.00	0.00	13342.00	0.00
X152	DISP,CBU-63/B	216.56	5.25	DETONATION(C)	525	CR	+35812.00	38102.00	2855.00	5145.00
X149	DISP/BOM CBU 15	420.75	11.22	DETONATION(C)	1122	HA	-6689.00	0.00	6102.00	12791.00
X216	MINE AT M15	45.56	1.96	DETONATION(C)	1860	PD	+2523.00	2356.00	167.00	0.00
X129	PROJECTILE,155	111.25	3.00	DETONATION(C)	2247	HA	+3802.00	0.00	3802.00	0.00
X149	DISP/BOM CBU 15	1035.75	27.62	DETONATION(C)	2762	MC	+113909.00	130375.00	15021.00	31487.00

DEMIL LOCATION IS HAWTHORNE DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X224	CASE 25 1	4534.09	103.40	DETONATION(C)	5170	MA	+149955.00	0.00	149955.00	0.00
X237	CASE,DC,LDD 9-4	1094.62	41.70	DETONATION(C)	6255	MA	+3734.00	0.00	3734.00	0.00
X193	RT TY22	46.77	1.81	BURNING(D)	1613	MA	+327.00	0.00	751.00	424.00
X139	PROJ,81N AP,20	238.29	6.11	BURNING(D)	1853	MA	-1438.00	0.00	8861.00	10299.00
X165	CLUSTER,CHM AGT	46.76	9.95	BURNING(D)	1990	MA	+396.00	0.00	5411.00	5015.00
X244	HAK GAS IDSE M1	116.92	14.17	BURNING(D)	2126	MA	+7930.00	0.00	7930.00	0.00
X137	PROJ S-AY,5/65	76.36	3.55	BURNING(D)	2839	MA	+3860.00	0.00	3860.00	0.00
X124	PROJ S-AY,5/65	196.89	10.43	BURNING(D)	8343	MA	+11343.00	0.00	11343.00	0.00
X066	CTG 75MM SMK WP	152.60	10.86	BURNING(D)	8478	UM	+6868.00	9858.00	1895.00	4885.00
X196	RKT MOTOR,5.00	3660.69	168.01	BURNING(D)	84004	MA	+125281.00	0.00	182739.00	57458.00
X261	MBX-1,GRD B	48.65	1.62	BURNING(D)	97310	MA	+2058.00	0.00	2058.00	0.00
X179	ROCKET,SMLKE,3.	445.17	177.44	BURNING(D)	99369	MA	+18062.00	0.00	30748.00	21686.00
X258	TNT,TY 1	55.03	1.83	BURNING(D)	110055	MA	+2328.00	0.00	2328.00	0.00
X266	BOOSTER,M21A4	72.00	2.70	BURNING(D)	199995	MC	-977.00	9063.00	1960.00	12000.00
X255	COMP A3,RECLMD	540.65	18.02	BURNING(D)	1081296	MA	+22869.00	0.00	22869.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	3714.82	7861.94		TOTAL	TOTAL	TOTAL	TOTAL
	12499.62		5696.93	$2984252.00-	$333117.00	$948472.00	$4265841.00
TOTAL NO. OF SHIFTS BY METHOD =	455.19	203.25					
	923.62		426.50				

DEMIL LOCATION IS MCALESTER DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X198	IGNR 118 1	185.37	0.47	FURNACE(A)	17561	MC	+538.00	0.00	696.00	158.00
X199	IGNR 118 2	199.77	0.89	FURNACE(A)	33295	MC	+1019.00	0.00	1319.00	300.00
X197	IGNR 117 2	531.62	2.50	FURNACE(A)	96936	MC	+2968.00	0.00	3840.00	872.00
X210	IGNR 120	736.23	3.27	FURNACE(A)	122705	MC	+3756.00	0.00	4860.00	1104.00
X018	CTG.50 TR M17	149.16	18.08	FURNACE(A)	1193450	MC	-35291.00	0.00	119.00	35410.00
X032	CTG,.30 TPA M25	45.60	15.27	FURNACE(A)	1526780	MC	-9542.00	0.00	1069.00	10611.00
X015	CTG.50 AP M2	1278.26	148.98	FURNACE(A)	9832760	MC	-824969.00	0.00	983.00	825952.00
X114	PROJ,8/55 HC	57.80	1.91	WASHOUT(B)	454	MC	-4291.00	0.00	1998.00	6289.00
X114	PROJ,8/55 HC	59.71	1.56	WASHOUT(B)	469	CR	-712.00	3721.00	2064.00	6497.00
X125	PROJ S AY,8/55	125.96	3.25	WASHOUT(B)	976	MC	-9226.00	0.00	4295.00	13521.00
X135	PROJ,6/47 AP	130.91	2.52	WASHOUT(B)	2014	MC	-4253.00	0.00	1031.00	5284.00
X132	PROJ,6/47 AP	133.44	2.57	WASHOUT(B)	2053	MC	-4335.00	0.00	1051.00	5386.00
X134	PROJ,6/47 AP	146.38	2.82	WASHOUT(B)	2252	MC	-4755.00	0.00	1153.00	5908.00
X192	WHD,RAT 5.00 HE	83.49	4.00	WASHOUT(B)	3203	CR	+5176.00	5203.00	7929.00	7956.00
X131	PROJ,6/47 AP	210.05	4.04	WASHOUT(B)	3232	MC	-6924.00	0.00	1655.00	8479.00
X084	PROJ/CHG 120MM	153.29	3.13	WASHOUT(B)	3439	CR	-33364.00	9553.00	6192.00	49109.00
X090	CTG 3/50	69.74	3.73	WASHOUT(B)	5602	YT	-17873.00	8567.00	7396.00	33836.00
X089	CTG 3/50	81.65	4.37	WASHOUT(B)	6558	YT	-20922.00	10029.00	8659.00	39610.00
X069	CARTRIDGE,90 MI	143.16	4.61	WASHOUT(B)	6912	MC	-11453.00	0.00	9126.00	20579.00
X101	PROJECTILE AND	297.42	6.35	WASHOUT(B)	6965	MC	-87170.00	0.00	12576.00	99746.00
X084	PROJ/CHG 120MM	347.95	7.10	WASHOUT(B)	7806	MA	-53618.00	43798.00	14054.00	111470.00
X083	PROJECTILE AND	461.06	13.54	WASHOUT(B)	10828	MC	-149080.00	0.00	5544.00	154624.00
X096	PROJECTILE AND	297.64	10.30	WASHOUT(B)	11328	MC	-140597.00	0.00	20395.00	160992.00
X061	PROJ, SA, 120MM	347.54	13.15	WASHOUT(B)	14468	MC	-180554.00	0.00	26049.00	206603.00
X047	CTG 40MM HEI-T MK1	66.50	2.31	WASHOUT(B)	18471	RR	-14548.00	1434.00	4573.00	20555.00
X128	PROJECTILE,155	930.86	24.60	WASHOUT(B)	19660	MC	-26697.00	0.00	10076.00	36773.00
X057	PROJ.90MM,HE A3	962.05	64.14	WASHOUT(B)	96205	MC	-247216.00	0.00	127021.00	374237.00
X106	CHG PROP 8 IN M2	180.61	26.84	BURNING(D)	5450	RR	+3410.00	3464.00	1777.00	1831.00
X098	CTG 90MM M431 HT-T	216.14	16.31	BURNING(D)	7928	RR	+4383.00	4661.00	3766.00	4044.00
X207	SM 22 0	102.77	1.54	BURNING(D)	37033	MC	+1116.00	0.00	1274.00	156.00
X171	GRENADE,RIFLE	63.85	81.21	BURNING(D)	81213	CR	+8009.00	3948.00	4061.00	0.00
X253	6/47 SPD	44.32	3.69	BURNING(D)	88632	MC	+213.00	0.00	213.00	0.00
X178	ROCKET,PRACTICE	473.11	88.01	BURNING(D)	105606	MC	-1715.00	0.00	21332.00	23047.00
X209	PROP GR 18 0	3300.00	122.22	BURNING(D)	275000	MC	+141202.00	0.00	141202.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	3096.23	.00	TOTAL	TOTAL	TOTAL	TOTAL
	5096.65		4360.28	$1717213.00-	$94378.00	$459348.00	$2270939.00
TOTAL NO. OF SHIFTS BY METHOD =	169.54	.00				
	179.60		341.82			

AD-A053 011 JOINT CONVENTIONAL AMMUNITION PROGRAM COORDINATING GR--ETC F/G 19/1
ECONOMIC ANALYSIS FOR DEMILITARIZATION AND DISPOSAL.(U)
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DEMIL LOCATION IS SEAL BEACH DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X065	CARTRIDGE,90 MI	59.53	6.91	BURNING(D)	2932	HA	-2345.00	4151.00	1971.00	8467.00
X075	CARTRIDGE,4.2 I	99.89	12.04	BURNING(D)	8440	CR	-27927.00	20468.00	3435.00	51830.00
X056	CTG 4.2 IN M2 SR M	252.11	19.18	BURNING(D)	13446	LX	-24687.00	52212.00	5473.00	82572.00
X179	ROCKET,SMOKE,3.	590.92	92.77	BURNING(D)	131915	MC	+95752.00	98026.00	26515.00	28789.00
X008	CTG,20MM M97	45.17	4.16	BURNING(D)	158505	HA	-12326.00	3150.00	1189.00	16665.00
X024	CTG,20MM HET	49.90	4.60	BURNING(D)	175103	HA	-13617.00	3480.00	1313.00	18410.00
X023	CTG,20MM HEI-DI	55.30	5.09	BURNING(D)	194019	MC	-9772.00	9172.00	1455.00	20399.00
X142	CHG SUPP (A1 CASE)	46.20	1.48	BURNING(D)	196614	FA	+3316.00	2923.00	393.00	0.00
X043	CTG.20MM LNK.	58.96	5.43	BURNING(D)	206670	HA	-20695.00	4107.00	1550.00	26352.00
X012	CTG,20MM M96	76.00	7.12	BURNING(D)	271417	HA	-27273.00	5299.00	2036.00	34608.00
X025	CTG,20MM HEI	116.37	10.72	BURNING(D)	408318	HA	-31754.00	8115.00	3062.00	42931.00
X007	PROJ 20MM SA	65.48	13.22	BURNING(D)	503690	MC	-38319.00	10861.00	3778.00	52958.00
X025	CTG,20MM HEI	168.45	15.52	BURNING(D)	591060	MC	-29770.00	27941.00	4433.00	62144.00
X234	ASTR,AUX,DC 2-0	255.25	25.20	BURNING(D)	1344270	CR	+34764.00	48206.00	67214.00	80656.00
X024	CTG,20MM HET	732.11	67.43	BURNING(D)	2568808	MC	-129383.00	121435.00	19266.00	270084.00
X023	CTG,20MM HE	1090.77	100.47	BURNING(D)	3827268	MC	-192766.00	180926.00	28705.00	402399.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	.00		TOTAL	TOTAL	TOTAL	TOTAL
	.00		3742.41	$427004.00-	$600472.00	$171788.00	$1199264.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	.00					
	.00		391.34				

DEMIL LOCATION IS YORKTOWN DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X250	FLARE A/C 45-0	66.48	17.69	BURNING(D)	5890	CR	+6134.00	6487.00	595.00	948.00
X164	FUZE,MK 344-0	43.29	2.00	BURNING(D)	19951	EA	-4113.00	1493.00	379.00	5985.00
X263	FZ PD 27 0	148.51	118.81	BURNING(D)	1138097	MC	-345316.00	18242.00	22574.00	386132.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	.00		TOTAL	TOTAL	TOTAL	TOTAL
	.00		278.68	$343295.00-	$26222.00	$23548.00	$393065.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	.00					
	.00		138.50				

DEMIL LOCATION IS KEYPORT NTS DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X014	CTG CAL 30 AP API	54.45	27.22	FURNACE(A)	1361150	SR	-15980.00	3621.00	272.00	19873.00
X022	CTG,.30 LINKED	49.18	32.78	FURNACE(A)	1639166	KE	-23604.00	0.00	328.00	23932.00
X033	CTG 7.62MM 4 BALL-	359.19	143.68	FURNACE(A)	7183800	UK	-140682.00	12045.00	1437.00	154164.00
X035	CTG 7.62MM 4 BALL-	114.96	459.84	FURNACE(A)	22992192	UK	-356203.00	3655.00	4598.00	364656.00
X089	CTG 3/50	81.50	8.81	WASHOUT(B)	6546	HA	-31303.00	6991.00	1244.00	39538.00
X089	CTG 3/50	87.10	7.28	WASHOUT(B)	6996	SB	-30683.00	10244.00	1329.00	42256.00
X062	CTG,3/50 VT	129.69	10.75	WASHOUT(B)	10334	HA	-49328.00	11126.00	1963.00	62417.00
X090	CTG 3/50	217.90	18.21	WASHOUT(B)	17502	HA	-83694.00	18693.00	3325.00	105712.00
X118	PROJ,16/50 AP	45.90	1.13	RETORATION(C)	34	KE	+1142.00	0.00	1142.00	0.00
X119	PROJ,16/50 AP	75.60	1.87	RETORATION(C)	56	KE	+1882.00	0.00	1882.00	0.00
X123	CHG,FRGP 16/50	70.52	20.05	BURNING(D)	421	KE	+1579.00	0.00	1579.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	577.78	516.19	121.50	70.52	TOTAL $726874.00-	TOTAL $66575.00	TOTAL $19099.00	TOTAL $812548.00
TOTAL NO. OF SHIFTS BY METHOD =	663.52	43.05	3.00	20.05				

DEMIL LOCATION IS CHARLESTON DATE: 04/19/77

DOCIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X256	COMP A3	277.41	138.71	BURNING(D)	554830	MC	+34190.00	28753.00	5437.00	0.00
X259	COMP B,RECLML	416.33	208.16	BURNING(D)	832655	MC	+51310.00	43150.00	8160.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	.00	.00	693.74	TOTAL $85500.00+	TOTAL $71903.00	TOTAL $13597.00	TOTAL $.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	.00	.00	346.87				

DEMIL LOCATION IS DUMMY FACILITY DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X005	MIS	0.01	0.00	FURNACE(A)	16	SV	+0.00	0.00	0.00	0.00
X217	GMN 29D 25 1	81.34	0.00	FURNACE(A)	87	CH	+0.00	0.00	0.00	0.00
X225	CASE 36 2	79.28	0.00	FURNACE(A)	181	YT	+0.00	0.00	0.00	0.00
X268	GUIDED MISSILE,	139.21	0.00	FURNACE(A)	215	SB	+0.00	0.00	0.00	0.00
X143	PROJ,16/50 HC	254.60	0.00	FURNACE(A)	268	KE	+0.00	0.00	0.00	0.00
X140	PROJ,16/50 AP	573.75	0.00	FURNACE(A)	425	KE	+0.00	0.00	0.00	0.00
X225	CASE 36 2	208.49	0.00	FURNACE(A)	476	HA	+0.00	0.00	0.00	0.00
X269	MRD W31G3M-3228-90	144.00	0.00	FURNACE(A)	480	PU	+0.00	0.00	0.00	0.00
X120	PROJ,16/50 AP	661.50	0.00	FURNACE(A)	490	KE	+0.00	0.00	0.00	0.00
X272	PROPELLANT	89.50	0.00	FURNACE(A)	639	PC	+0.00	0.00	0.00	0.00
X160	DISP & BMB AC CBU	464.70	0.00	FURNACE(A)	691	FW	+0.00	0.00	0.00	0.00
X172	BULLPUP MISSILE	158.00	0.00	FURNACE(A)	695	LK	+0.00	0.00	0.00	0.00
X117	PROJ,16/50 HC	737.05	0.00	FURNACE(A)	829	KE	+0.00	0.00	0.00	0.00
X202	WRHD SEC/M6A1	706.30	0.00	FURNACE(A)	872	SR	+0.00	0.00	0.00	0.00
X167	DISP & BMB AC CBU	757.39	0.00	FURNACE(A)	1125	TE	+0.00	0.00	0.00	0.00
X225	CASE 36 2	573.34	0.00	FURNACE(A)	1309	CK	+0.00	0.00	0.00	0.00
X245	CRESYLIC ACID	343.20	0.00	FURNACE(A)	1320	CH	+0.00	0.00	0.00	0.00
X242	CLUST,PROJ 14-0	44.43	0.00	FURNACE(A)	1367	CH	+0.00	0.00	0.00	0.00
X136	PROJ,5/38 HC	40.31	0.00	FURNACE(A)	1512	CC	+0.00	0.00	0.00	0.00
X211	WRHD SEC/M144	1322.70	0.00	FURNACE(A)	1528	SR	+0.00	0.00	0.00	0.00
X138	PROJ S AY,16/50	2231.55	0.00	FURNACE(A)	1653	KE	+0.00	0.00	0.00	0.00
X091	CTG,WT 34	44.13	0.00	FURNACE(A)	2408	HA	+0.00	0.00	0.00	0.00
X271	ATL CNTR BULLPUP	493.81	0.00	FURNACE(A)	2905	SR	+0.00	0.00	0.00	0.00
X242	CLUST,PROJ 14-0	116.77	0.00	FURNACE(A)	3593	HA	+0.00	0.00	0.00	0.00
X194	RM 3	82.04	0.00	FURNACE(A)	3818	MC	+0.00	0.00	0.00	0.00
X099	CTG 105MM SM WP-TM	166.20	0.00	FURNACE(A)	4654	SV	+0.00	0.00	0.00	0.00
X051	CTG 76MM HE	120.57	0.00	FURNACE(A)	5674	SV	+0.00	0.00	0.00	0.00
X195	RM 4	53.65	0.00	FURNACE(A)	6072	MC	+0.00	0.00	0.00	0.00
X048	LAUN & CTG RIOT CT	135.22	0.00	FURNACE(A)	6174	SR	+0.00	0.00	0.00	0.00
X144	ADAPTER CLUSTER 3M	573.72	0.00	FURNACE(A)	6675	SV	+0.00	0.00	0.00	0.00
X270	CNTR AGM-12C CNT S	147.01	0.00	FURNACE(A)	7014	SR	+0.00	0.00	0.00	0.00
X051	CTG 76MM HE	150.47	0.00	FURNACE(A)	7081	NV	+0.00	0.00	0.00	0.00
X247	SMK FS MIX	68.00	0.00	FURNACE(A)	8500	CH	+0.00	0.00	0.00	0.00
X002	MISC SMALL ARMS	1.64	0.00	FURNACE(A)	12164	SV	+0.00	0.00	0.00	0.00
X156	DISP & BMB ACFT CB	10472.60	0.00	FURNACE(A)	16376	SR	+0.00	0.00	0.00	0.00
X235	FUZE,DC,MK 177	45.18	0.00	FURNACE(A)	24083	EA	+0.00	0.00	0.00	0.00
X206	PROP GR 24 1	66.32	0.00	FURNACE(A)	32830	MC	+0.00	0.00	0.00	0.00
X247	SMK FS MIX	348.00	0.00	FURNACE(A)	43500	HA	+0.00	0.00	0.00	0.00
X079	PROJ 75MM WP	344.89	0.00	FURNACE(A)	49840	LK	+0.00	0.00	0.00	0.00
X204	PROP GR 21 2	331.94	0.00	FURNACE(A)	64330	MC	+0.00	0.00	0.00	0.00
X002	MISC SMALL ARMS	11.72	0.00	FURNACE(A)	96846	LX	+0.00	0.00	0.00	0.00

DEMIL LOCATION IS DUMMY FACILITY DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X039	CTG 20MM TP ACR 25	40.29	0.00	FURNACE(A)	91573	TE	+0.00	0.00	0.00	0.00
X254	6/47 SPD	60.60	0.00	FURNACE(A)	121194	YT	+0.00	0.00	0.00	0.00
X257	EXP D,NEW,CL A	61.25	0.00	FURNACE(A)	122500	CR	+0.00	0.00	0.00	0.00
X235	FUZE,DC,MK 177	243.05	0.00	FURNACE(A)	129626	CR	+0.00	0.00	0.00	0.00
X235	FUZE,DC,MK 177	245.44	0.00	FURNACE(A)	130903	HA	+0.00	0.00	0.00	0.00
X265	BOOSTER M21A4	55.56	0.00	FURNACE(A)	148774	LX	+0.00	0.00	0.00	0.00
X246	RIOT CTL ACT CS-2	177.26	0.00	FURNACE(A)	164896	SR	+0.00	0.00	0.00	0.00
X265	BOOSTER M21A4	83.58	0.00	FURNACE(A)	232176	LX	+0.00	0.00	0.00	0.00
X021	CTG CAL 50 API MB	56.36	0.00	FURNACE(A)	256280	SR	+0.00	0.00	0.00	0.00
X247	SMK FS MIX	2304.00	0.00	FURNACE(A)	288000	YT	+0.00	0.00	0.00	0.00
X016	CTG CAL 50 AP	62.29	0.00	FURNACE(A)	327319	AA	+0.00	0.00	0.00	0.00
X026	CTG 29MM LKD 4HEI	154.84	0.00	FURNACE(A)	336600	AA	+0.00	0.00	0.00	0.00
X265	BOOSTER M21A4	267.67	0.00	FURNACE(A)	743534	RR	+0.00	0.00	0.00	0.00
X005	MISC	522.41	0.00	FURNACE(A)	829216	TE	+0.00	0.00	0.00	0.00
X002	MISC SMALL ARMS	115.16	0.00	FURNACE(A)	853160	SR	+0.00	0.00	0.00	0.00
X019	CTG CAL 50 API LKD	328.36	0.00	FURNACE(A)	1728187	SR	+0.00	0.00	0.00	0.00
X027	CTG 7.62MM	126.72	0.00	FURNACE(A)	2112000	SR	+0.00	0.00	0.00	0.00
X003	CTG CAL 7.62MM BAL	93.30	0.00	FURNACE(A)	2332377	RR	+0.00	0.00	0.00	0.00
X004	CTG CAL 50 API MR	548.71	0.00	FURNACE(A)	3429411	PR	+0.00	0.00	0.00	0.00
X042	CTG 7.62MM 4B/LTR	200.05	0.00	FURNACE(A)	4001050	PU	+0.00	0.00	0.00	0.00
X040	CTG.50 LINKED	183.51	0.00	FURNACE(A)	6117000	SB	+0.00	0.00	0.00	0.00
X040	CTG.50 LINKED	238.65	0.00	FURNACE(A)	7954320	CR	+0.00	0.00	0.00	0.00
X002	MISC SMALL ARMS	2106.24	0.00	FURNACE(A)	15601815	UM	+0.00	0.00	0.00	0.00
X268	GUIDED MISSILE,	42.09	0.00	WASHOUT(B)	65	CR	+0.00	0.00	0.00	0.00
X166	BOMB,GP 84 ALL	114.96	0.00	WASHOUT(B)	122	MC	+0.00	0.00	0.00	0.00
X231	WHD,M3X 16 7	90.39	0.00	WASHOUT(B)	127	CR	+0.00	0.00	0.00	0.00
X159	BOMB,GP AK 82	89.16	0.00	WASHOUT(B)	235	CR	+0.00	0.00	0.00	0.00
X159	BOMB,GP MK 82	65.79	0.00	WASHOUT(B)	237	EA	+0.00	0.00	0.00	0.00
X163	BOMB,GP 84-ALL	256.24	0.00	WASHOUT(B)	274	MC	+0.00	0.00	0.00	0.00
X161	DISP E BMP ACFT CB	308.30	0.00	WASHOUT(B)	483	SR	+0.00	0.00	0.00	0.00
X225	CASE 36 2	261.92	0.00	WASHOUT(B)	598	MC	+0.00	0.00	0.00	0.00
X068	CTG 76MM SMK WP M3	72.30	0.00	WASHOUT(B)	3451	UM	+0.00	0.00	0.00	0.00
X104	PROJ 175MM HE M437	259.20	0.00	WASHOUT(B)	3456	LX	+0.00	0.00	0.00	0.00
X051	CTG 76MM HC	162.01	0.00	WASHOUT(B)	7624	LX	+0.00	0.00	0.00	0.00
X049	CTG 76MM HE CMP B	177.50	0.00	WASHOUT(B)	10000	LX	+0.00	0.00	0.00	0.00
X167	DISP E BMS AC CBU	7341.62	0.00	WASHOUT(B)	10905	SR	+0.00	0.00	0.00	0.00
X067	CTG 76MM HE M352	261.40	0.00	WASHOUT(B)	12433	TE	+0.00	0.00	0.00	0.00
X050	CTG 76MM HE	311.94	0.00	WASHOUT(B)	14851	LX	+0.00	0.00	0.00	0.00
X059	PROJ,40MM T91	244.55	0.00	WASHOUT(B)	24455	HA	+0.00	0.00	0.00	0.00
X078	PROJ 76MM WP	324.37	0.00	WASHOUT(B)	53045	LK	+0.00	0.00	0.00	0.00
X050	CTG 76MM HE	1200.34	0.00	WASHOUT(B)	57131	NV	+0.00	0.00	0.00	0.00

DEMIL LOCATION IS DUMMY FACILITY DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X077	PROJ 105MM WP	1289.59	0.00	WASHOUT(B)	80348	LK	+0.00	0.00	0.00	0.00
X267	FIRED STEEL CTG CA	561.70	0.00	WASHOUT(B)	211913	RR	+0.00	0.00	0.00	0.00
X173	RKT CTR AM100	62.20	0.00	DETONATION(C)	14	PU	+0.00	0.00	0.00	0.00
X168	DISP E BME AC CBU	63.20	0.00	DETONATION(C)	99	RR	+0.00	0.00	0.00	0.00
X121	PROJ,16/50 AP	326.70	0.00	DETONATION(C)	242	KE	+0.00	0.00	0.00	0.00
X040	CTG.50 LINKED	64.92	0.00	DETONATION(C)	2164000	HA	+0.00	0.00	0.00	0.00
X113	PROJ,6/47 ILLUM	80.36	0.00	BURNING(D)	1385	HA	+0.00	0.00	0.00	0.00
X136	PROJ,5/35 HC	44.28	0.00	BURNING(D)	1661	HA	+0.00	0.00	0.00	0.00
X100	CTG 105M1 WP-T M41	72.30	0.00	BURNING(D)	2112	AR	+0.00	0.00	0.00	0.00
X080	PROJ 4.2 IN WP	56.19	0.00	BURNING(D)	5746	LK	+0.00	0.00	0.00	0.00
X068	CTG 76MM SMK WP M3	173.39	0.00	BURNING(D)	8187	AR	+0.00	0.00	0.00	0.00
X243	RIOT CTL AGNT	141.52	0.00	BURNING(D)	117440	LK	+0.00	0.00	0.00	0.00

TOTAL TONNAGE FOR DUMMY FACILITY

	FURNACE	WASHOUT	DETONATION	BURNING
GRAND TOTAL TONNAGE BY DEMIL METHOD	31746.00	13419.00	517.00	569.00

GRAND TOTALS FOR DEMIL LOCATIONS DATE: 04/19/77

	FURNACE	WASHOUT	DETONATION	BURNING
GRAND TOTAL TONNAGE BY DEMIL METHOD	10,300.00	41,131.00	14,174.00	25,272.00
GRAND TOTAL NETCOST BY DEMIL METHOD	$3593642.00-	$5379088.00-	$657950.00	$19216.00-
GRAND TOTAL TRANS COST BY DEMIL METHOD	$47947.00	$783019.00	$317056.00	$1097828.00
GRAND TOTAL PROCESS COST BY DEMIL METHOD	$491430.00	$2596101.00	$402235.00	$1476103.00
GRAND TOTAL RECL VALUE BY DEMIL METHOD	$4433019.00	$8758266.00	$61341.00	$2593147.00

APPENDIX B

PART 3

ITEM RANKING BY GREATEST DIRECT PAYBACK
(50-YR TIME LIMIT)

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LEAST-COST ANALYSIS
(50-YR TIME LIMIT)

ITEM RANKING BY GREATEST DIRECT PAYBACK
(PAYBACK OVER $ 100,000)

ITEM	DEMIL SITE	INVENTORY SITE	DIRECT PAYBACK
CTG. 20mm M96	HAWTHORNE	SAME	839,910
CTG. .50 AP M2	MC ALESTER	SAME	824,970
CASE, DC, LDD 8-0	HAWTHORNE	SAME	509,720
CTG 7.62mm 4-Ball (A127)	KEYPORT	UMATILLA	356,200
FZ, PD, 27-0	YORKTOWN	MC ALESTER	345,320
CTG, 7.62mm Ball TR	RED RIVER	SAME	345,160
CTG 20mm AP-T M95	HAWTHORNE	SAME	303,960
PROJ/CHG 120mm (C804)	HAWTHORNE	SAME	298,860
Bomb Depth MK5	CRANE	SAME	279,010
Projectile And (C807)	LEX-BLUGRASS	CRANE	250,120
Proj. 90mm, HE, A3	MC ALESTER	SAME	247,220
Proj/Chg 120mm (C802)	HAWTHORNE	SAME	243,690
CTG CAL 50 API M8	EARLE	LETTERKENNY	229,000
Proj 3/50 AP	RED RIVER	CRANE	222,810
Projectile And (C807)	TOOELE	HAWTHORNE	217,550
Proj/Chg 120mm (C802)	CRANE	SAME	202,890
CTG 20mm HE	SEAL BEACH	MC ALESTER	192,770
Proj, SA 120mm	MC ALESTER	SAME	180,550
CTG 20mm HE	CRANE	SAME	156,720
Projectile And (C801)	TOOELE	HAWTHORNE	154,240
Projectile And (C800)	MC ALESTER	SAME	149,080
Bomb GP MK 82-1	CRANE	SAME	142,770

ITEM RANKING BY GREATEST DIRECT PAYBACK CON'T

ITEM	DEMIL SITE	INVENTORY SITE	DIRECT PAYBACK
CTG 105mm HE M323	LEX-BLUGRASS	SAME	141,200
CTG 7.62mm 4-Ball (A131)	KEYPORT	UMATILLA	140,680
Projectile And (C807)	MC ALESTER	SAME	140,600
CTG 20mm M96 (A776)	HAWTHORNE	SAME	136,350
Projectile 155	HAWTHORNE	SAME	131,780
CTG 20mm HET (A745)	SEAL BEACH	MC ALESTER	129,380
Proj/Chg 120mm (C804)	CRANE	SAME	127,190
Projectile And	HAWTHORNE	SAME	124,470
DC HE 7.2 MK4	CRANE	SAME	120,920
CASE 18-0	TOOELE	HAWTHORNE	119,350
Proj SA 120mm	RED RIVER	MC ALESTER	108,130
WHD, DC, MK 4-0, 3	HAWTHORNE	SAME	107,950
DC, HE, 7.2 MK4	HAWTHORNE	SAME	100,350

APPENDIX B

PART 4

LEAST-COST ANALYSIS, 5-YR TIME LIMIT

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DEMIL LOCATION IS ANNISTON ARMY DEPOT DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X145	BOMB,SAP M59A1	571.50	25.00	WASHOUT(B)	1125	CR	-28770.00	25626.00	45504.00	99900.00
X150	BOMB,GP 63 4	89.28	4.39	DETONATION(C)	193	CR	+7995.00	4003.00	3992.00	0.00
X151	BOMB,GP MK 81-4	99.90	4.91	DETONATION(C)	216	CR	+8948.00	4480.00	4468.00	0.00
X116	CHG,PROP 8/55	42.61	1.21	BURNING(D)	1813	MC	+4402.00	2756.00	1650.00	4.00
X252	CHG DEMO LINEAR	69.19	3.19	BURNING(D)	2389	AN	+1528.00	0.00	2899.00	1371.00
X107	CHG PROP 155M	66.70	8.75	BURNING(D)	4375	AN	+7350.00	0.00	7963.00	613.00
X215	MINE AT M15 HT HVY	274.90	3.94	BURNING(D)	11040	LK	+24506.00	20918.00	3588.00	0.00
X174	RKT 3.5 IN HP-T 12	315.19	5.81	BURNING(D)	34885	LX	+9026.00	11348.00	5291.00	7613.00
X178	ROCKET,PRACTICE	197.06	7.33	BURNING(D)	43987	CR	+5908.00	8836.00	6672.00	9600.00
X249	RIOT CTL AGT	70.15	280.61	BURNING(D)	140303	AN	+191530.00	0.00	191530.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	571.50	169.16	1035.80	TOTAL $232423.00+	TOTAL $77967.00	TOTAL $273557.00	TOTAL $119101.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	25.00	9.30	310.84				

DEMIL LOCATION IS LETTERKENNY DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X224	CASE 25 1	91.21	2.31	WASHOUT(B)	104	YT	+6352.00	2469.00	4931.00	1048.00
X208	RKT MOTOR,JATO	55.21	0.05	BURNING(D)	538	EA	+362.00	1065.00	72.00	775.00
X109	CHG,PROP 5/38	73.01	2.39	BURNING(D)	4772	YT	+4523.00	1577.00	2546.00	0.00
X109	CHG,PROP 5/38	112.91	3.69	BURNING(D)	7380	YT	+6994.00	3057.00	3937.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	91.21	.00	241.13	TOTAL $18231.00+	TOTAL $8568.00	TOTAL $11486.00	TOTAL $1823.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	2.31	.00	6.13				

DEMIL LOCATION IS PUEBLO ARMY DEPOT DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X146	BOMB,DEPTH MK 5	62.16	6.42	WASHOUT(B)	379	HA	-4222.00	3218.00	16403.00	23843.00
X218	UMN C6D 36 1	312.84	14.67	WASHOUT(B)	660	HA	-50001.00	16197.00	28565.00	94763.00
X228	CASE 50 0	1776.24	153.96	WASHOUT(B)	7698	HA	-62724.00	92068.00	299852.00	454644.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	2153.24	.00	.00	TOTAL $116947.00-	TOTAL $111483.00	TOTAL $344820.00	TOTAL $573250.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	177.05	.00	.00				

DEMIL LOCATION IS RED RIVER DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X170	ADPTR,GREN,M1A1	42.61	0.23	FURNACE(A)	224286	MC	-144.00	919.00	489.00	1552.00
X030	CTG.50 INC M1	96.52	4.19	FURNACE(A)	804320	MC	-11922.00	2081.00	9716.00	23719.00
X034	CTG 7.62MM BALL TR	43.15	0.90	FURNACE(A)	862984	RR	-345159.00	0.00	1881.00	347040.00
X154	BOMB,GP 82 1	72.27	6.49	WASHOUT(B)	292	MC	-1636.00	1559.00	12043.00	15237.00
X228	CASE 50 0	219.45	19.00	WASHOUT(B)	950	MC	-18315.00	4732.00	33060.00	56107.00
X224	CASE 25 1	2059.20	52.18	WASHOUT(B)	2348	MC	+117581.00	44407.00	96842.00	23668.00
X213	WRHD 10	52.36	4.45	WASHOUT(B)	3561	MC	-890.00	1129.00	7745.00	9764.00
X153	BOMB,GP 82-0,1	1440.94	129.38	WASHOUT(B)	5822	MC	-25374.00	31074.00	240125.00	296573.00
X186	WRHD 12	144.67	10.89	WASHOUT(B)	8715	MC	-6632.00	3120.00	18955.00	28707.00
X060	PROJ, SA 120MM	213.00	10.14	WASHOUT(B)	9130	MC	-108132.00	4593.00	17651.00	130376.00
X185	WRHD 10	421.63	34.17	WASHOUT(B)	27334	MC	-6407.00	9092.00	59451.00	74950.00
X184	WRHD 10	397.47	34.43	WASHOUT(B)	27545	MC	-7046.00	8572.00	59910.00	75528.00
X187	WRHD 12	905.45	66.18	WASHOUT(B)	54545	MC	-41510.00	19526.00	118635.00	179671.00
X071	CTG 105MM SMK WP M	60.00	0.40	BURNING(D)	1600	RR	-2099.00	0.00	557.00	2656.00
X182	WRHB 7	41.97	1.05	BURNING(D)	4216	MC	+1082.00	905.00	1467.00	1290.00
X127	PROJ,6/47 AP	311.41	4.79	BURNING(D)	4791	MC	+2483.00	6716.00	8336.00	12569.00
X093	PROJ,3/70 VT	45.36	1.01	BURNING(D)	6048	CR	+3165.00	2568.00	1754.00	1157.00
X058	PROJ.90MM TNT	71.47	1.19	BURNING(D)	7147	MC	-19971.00	1541.00	2073.00	23585.00
X133	PROJ,6/47 HC	414.19	7.52	BURNING(D)	7921	MC	+1934.00	8932.00	13783.00	20781.00
X175	WHD RKT 5.0 HE	140.06	2.43	BURNING(D)	9706	MC	-241.00	3020.00	3378.00	6639.00
X177	ROCKET,HEAT,3.5	66.39	2.46	BURNING(D)	14753	CR	+4817.00	3759.00	4278.00	3220.00
X191	WRHD 8	218.17	5.12	BURNING(D)	20485	MC	+4828.00	4705.00	7129.00	7006.00
X214	WRHD 7	215.76	5.14	BURNING(D)	20549	MC	+5146.00	4653.00	7151.00	6658.00
X092	PROJ,3/70 VT	254.71	5.66	BURNING(D)	33962	CR	+17773.00	14422.00	9849.00	6498.00
X076	PROJ,3/50 AP	445.93	11.37	BURNING(D)	68237	CR	-222814.00	25248.00	19789.00	267851.00
X200	ROCKET,HEAT,3.5	325.87	12.12	BURNING(D)	72740	CR	+23671.00	18451.00	21095.00	15875.00
X177	ROCKET,HEAT,3.5	1065.05	39.45	BURNING(D)	236678	MC	+39952.00	22968.00	68637.00	51653.00

TOTAL TONNAGE BY DEMIL METHOD =	182.26	.00		TOTAL	TOTAL	TOTAL	TOTAL
	5926.44		3676.34	$595860.00-	$248692.00	$845779.00	$1,690,330.00
TOTAL NO. OF SHIFTS BY METHOD =	5.32	.00					
	369.31		100.11				

DEMIL LOCATION IS TOOELE ARMY DEPOT DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X222	CASE 18 0	461.33	10.89	WASHOUT(B)	490	HA	-119348.00	21563.00	22435.00	163346.00
X073	PROJECTILE AND	47.18	1.23	WASHOUT(B)	1108	HA	-11080.00	2205.00	2537.00	15822.00
X063	CARTRIDGE,90 MI	105.92	2.05	WASHOUT(B)	5113	HA	-11569.00	4951.00	3371.00	19890.00
X101	PROJECTILE AND	656.71	17.14	WASHOUT(B)	15423	HA	-154237.00	30695.00	35308.00	220240.00
X096	PROJECTILE AND	534.49	22.60	WASHOUT(B)	20342	HA	-217546.00	24982.00	46570.00	289098.00
X252	CHG DEMO LINEAR	251.89	6.28	DETONATION(C)	8698	TE	+4110.00	0.00	9103.00	4993.00
X260	TNT,RECLAIMED	72.43	1.45	DETONATION(C)	144870	KE	+8969.00	6978.00	1991.00	0.00
X260	TNT,RECLAIMED	1186.08	23.72	DETONATION(C)	2372163	HA	+88031.00	55437.00	32594.00	0.00
X064	CARTRIDGE,90 MI	102.44	0.92	BURNING(D)	4924	HA	+1591.00	4788.00	902.00	4099.00
X203	WHD,3.25 HE 2-0	45.14	0.98	BURNING(D)	5893	HA	+1903.00	2110.00	1079.00	1286.00
X240	DC,PRAC,4.00	93.19	1.86	BURNING(D)	7455	HA	+6404.00	4356.00	2048.00	0.00
X232	TL ASSY,3-0,2,3	63.93	0.90	BURNING(D)	13531	HA	+4227.00	2988.00	1239.00	0.00
X169	WHD,RKT 5.00 HE	1919.47	18.58	BURNING(D)	74326	HA	+59297.00	89716.00	20419.00	50838.00
X178	ROCKET,PRACTICE	341.35	12.70	BURNING(D)	76195	HA	+13281.00	15955.00	13955.00	16629.00
X180	PROP GR,RKT	46.65	21.21	BURNING(D)	84827	HA	-82592.00	2181.00	23304.00	108077.00
X177	ROCKET,HEAT,3.5	678.42	25.13	BURNING(D)	150761	HA	+26420.00	31710.00	27612.00	32902.00

TOTAL TONNAGE BY DEMIL METHOD	.00	1805.63	1510.40	3290.59	TOTAL
TOTAL NO. OF SHIFTS BY METHOD	.00	53.91	33.45	82.18	
					TOTAL
					$382139.00-
					TOTAL
					$300615.00
					TOTAL
					$244467.00
					TOTAL
					$927220.00

DEMIL LOCATION IS SAVANNA ARMY DEPOT DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X045	CTG 40MM APT M81	46.01	3.83	BURNING(D)	13795	SV	-13799.00	0.00	5238.00	19037.00

TOTAL TONNAGE BY DEMIL METHOD	.00	.00	.00	46.01	TOTAL $13799.00-	TOTAL $0.00	TOTAL $5238.00	TOTAL $19037.00
TOTAL NO. OF SHIFTS BY METHOD	.00	.00	.00	3.83				

DEMIL LOCATION IS SIERRA ARMY DEPOT DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X020	CTG CAL 50 M8	71.97	3.27	FURNACE(A)	359835	SR	-18518.00	0.00	6491.00	25009.00
X017	CTG.50BLANK LNK	57.52	8.04	FURNACE(A)	884920	HA	-47428.00	765.00	15964.00	64157.00
X219	MINE 39 0	56.04	0.41	DETONATION(C)	58	HA	+1978.00	745.00	1233.00	0.00
X229	CASE 36 2	151.25	1.10	DETONATION(C)	338	HA	+5278.00	2012.00	3266.00	0.00
X230	WHD,MBX 17 3	241.25	2.79	DETONATION(C)	391	HA	+11521.00	3209.00	8312.00	0.00
X226	CASE 39 0	540.85	4.33	DETONATION(C)	606	HA	+20075.00	7193.00	12882.00	0.00
X220	MINE 39 0	965.28	7.14	DETONATION(C)	999	HA	+34074.00	12838.00	21236.00	0.00
X221	CASE 6 0	233.76	7.31	DETONATION(C)	1023	HA	+19239.00	3109.00	21746.00	5616.00
X085	CTG,3/70 VT	67.33	0.26	DETONATION(C)	3674	HA	+1676.00	895.00	781.00	0.00
X097	CTG,3/70 VT	94.78	0.37	DETONATION(C)	5172	HA	+2360.00	1261.00	1099.00	0.00
X102	CARTRIDGE,106 M	154.23	3.50	DETONATION(C)	7487	HA	+11362.00	2051.00	10412.00	1101.00
X208	RKT MOTOR,JATO	47.62	0.02	BURNING(D)	464	HA	+11.00	633.00	46.00	668.00
X248	SMK POT,AN-M7T2	111.90	1.69	BURNING(D)	8445	SB	+7777.00	5017.00	3351.00	591.00
X111	CHG,PROP 5/54	280.99	3.29	BURNING(D)	16461	HA	-94831.00	3737.00	9798.00	108366.00

TOTAL TONNAGE BY DEMIL METHOD =	129.49	.00	2504.77	440.51	TOTAL $45426.00-	TOTAL $43,465.00	TOTAL $116,617.00	TOTAL $205,508.00
TOTAL NO. OF SHIFTS BY METHOD =	11.31	.00	27.21	5.00				

DEMIL LOCATION IS NAVAJO ARMY DEPOT DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X241	DEPTH CHARGE,HI	52.51	1.75	WASHOUT(B)	210	SB	-8672.00	2674.00	3688.00	15034.00
X052	CTG 90MM M71	442.53	12.87	WASHOUT(B)	14161	NV	-21177.00	0.00	33909.00	55086.00
X108	CHG,PROP 5/38	58.29	0.51	BURNING(D)	3810	SB	+3860.00	2968.00	892.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	495.04	.00	58.29	TOTAL $25989.00-	TOTAL $5642.00	TOTAL $38489.00	TOTAL $70120.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	14.62	.00	.51				

DEMIL LOCATION IS LEXINGTON BLUEGRASS DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X241	DEPTH CHARGE,MI	52.51	1.75	WASHOUT(B)	210	CR	-11741.00	963.00	2330.00	15034.00
X228	CASE 50 0	195.42	16.92	WASHOUT(B)	846	CR	-18220.00	3583.00	28162.00	49965.00
X130	PROJECTILE,155	48.40	1.69	WASHOUT(B)	1016	CR	+1807.00	887.00	2818.00	1898.00
X224	CASE 25 1	944.53	23.93	WASHOUT(B)	1077	CR	+46952.00	17318.00	42490.00	10856.00
X226	CASE 39 0	1016.56	25.31	WASHOUT(B)	1139	CR	+63575.00	18639.00	44936.00	0.00
X074	PROJECTILE AND	117.42	2.94	WASHOUT(B)	2646	CR	-35468.00	2153.00	4893.00	42514.00
X176	WHD MAT 5.0 PE	99.29	4.77	WASHOUT(B)	3819	CR	-11592.00	1821.00	7945.00	21358.00
X081	CARTRIDGE,90 MI	104.05	4.55	WASHOUT(B)	5001	CR	+5512.00	1908.00	7567.00	4163.00
X070	CARTRIDGE,90 MI	102.77	4.74	WASHOUT(B)	5210	CR	-5745.00	1884.00	7883.00	15512.00
X155	BOMB,GP B2 2	1836.94	185.55	WASHOUT(B)	7422	CR	-44786.00	33680.00	308829.00	387295.00
X069	CARTRIDGE,90 MI	223.58	9.81	WASHOUT(B)	10793	CR	-11704.00	4099.00	16331.00	32134.00
X110	PROJ,5/38 VT	490.86	19.97	WASHOUT(B)	17977	CR	-20358.00	9000.00	33245.00	62603.00
X096	PROJECTILE AND	553.14	23.39	WASHOUT(B)	21052	CR	-250115.00	10142.00	38932.00	299189.00
X053	CTG 105MM HE M323	900.23	24.83	WASHOUT(B)	24834	LX	-141196.00	0.00	41334.00	182530.00
X126	CHG,PROP 16/50	45.36	0.00	BURNING(D)	567	MC	+3516.00	3516.00	0.00	0.00
X111	CHG,PROP 5/54	53.60	0.63	BURNING(D)	3140	CR	-18991.00	983.00	697.00	20671.00
X112	CHG,PROP 5/54	59.03	0.69	BURNING(D)	3458	CR	-20916.00	1082.00	767.00	22765.00
X054	CTG 105MM SMK WP M	288.00	4.52	BURNING(D)	7680	LX	-9240.00	0.00	3509.00	12749.00
X251	MARKER 58 0	276.33	8.57	BURNING(D)	42842	CR	+9836.00	5067.00	9507.00	4738.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	6685.71	.00	722.32	TOTAL $467074.00-	TOTAL $116725.00	TOTAL $602175.00	TOTAL $1185974.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	350.15	.00	14.41				

DEMIL LOCATION IS CRANE NAD DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X169	GREN RIFLE HT M31	49.43	0.11	FURNACE(A)	12642	LK	+3551.00	3386.00	165.00	0.00
X201	FZ,VT M402 A1	163.77	40.44	FURNACE(A)	121309	CR	-36150.00	0.00	6187.00	42337.00
X006	CTG 20MM MIXED	50.67	7.81	FURNACE(A)	171746	CR	-7100.00	0.00	10957.00	18057.00
X011	CTG 20MM AP-T M95	62.61	11.93	FURNACE(A)	208695	AN	-44630.00	2807.00	918.00	48355.00
X264	FUZE M66	160.19	32.04	FURNACE(A)	320389	CR	+40882.00	0.00	40882.00	0.00
X025	CTG,20MM HEI	101.50	16.19	FURNACE(A)	356141	CR	-14723.00	0.00	22722.00	37445.00
X024	CTG,20MM HET	191.03	30.47	FURNACE(A)	670282	CR	-27709.00	0.00	42764.00	70473.00
X031	CTG,.30 BALL M2	54.21	18.07	FURNACE(A)	1806864	CR	-10660.00	0.00	1265.00	11925.00
X028	CTG,20MM HE	1080.45	172.32	FURNACE(A)	3791052	CR	-156722.00	0.00	241869.00	358591.00
X158	BOMB,GP MK 82-1	40.09	13.50	WASHOUT(B)	162	MC	-5042.00	2499.00	912.00	8453.00
X239	CASE,DC 7 0	135.36	6.27	WASHOUT(B)	376	CR	-48176.00	0.00	520.00	48696.00
X237	CASE,DC,LDD 9-4	83.30	7.93	WASHOUT(B)	476	CR	+658.00	0.00	658.00	0.00
X115	PROJ,8/55 BLP/T	70.98	1.56	WASHOUT(B)	546	CR	-7144.00	0.00	420.00	7564.00
X072	CTG 105MM HT/KR	42.50	2.44	WASHOUT(B)	1464	SN	-2057.00	2709.00	739.00	5505.00
X162	BOMB,GP,MK 82-1	759.06	255.56	WASHOUT(B)	3067	CR	-142772.00	0.00	17270.00	160042.00
X237	CASE,DC,LDD 9-4	799.22	76.12	WASHOUT(B)	4567	MC	+56124.00	49808.00	6316.00	0.00
X147	BOMB,DEPTH MK 5	798.84	405.52	WASHOUT(B)	4871	CR	-279006.00	0.00	27429.00	306435.00
X086	PROJ/CHG 120MM	329.61	14.98	WASHOUT(B)	5993	CR	-82883.00	0.00	2697.00	85580.00
X082	PROJ/CHG 120MM	343.39	16.00	WASHOUT(B)	6400	CR	-88512.00	0.00	2880.00	91392.00
X067	PROJ/CHG 120MM	505.83	22.99	WASHOUT(B)	9197	CR	-127194.00	0.00	4139.00	131333.00
X094	PROJ/CHG 120MM	776.70	36.68	WASHOUT(B)	14670	CR	-202886.00	0.00	6602.00	209488.00
X238	DC,HE,7.2 MK4	604.72	323.97	WASHOUT(B)	19438	CR	-120920.00	0.00	23699.00	144619.00
X129	PROJECTILE,155	74.66	3.02	DETONATION(C)	1512	CR	+4630.00	0.00	4630.00	0.00
X129	PROJECTILE,155	674.13	27.23	DETONATION(C)	13616	MC	+83710.00	42012.00	41698.00	0.00
X046	57MM MIXED	60.04	6.00	DETONATION(C)	21991	CR	+2133.00	0.00	2133.00	0.00
X179	ROCKET,SMOKE,3.	177.45	180.05	DETONATION(C)	39610	CR	+22449.00	0.00	22657.00	208.00
X122	PROJ,16/50 BLPT	43.20	0.64	BURNING(D)	32	CR	-1399.00	0.00	817.00	2216.00
X244	WAR GAS IDSE M1	112.42	6.18	BURNING(D)	2044	CR	+2064.00	0.00	2064.00	0.00
X244	WAR GAS IDSE M1	139.48	10.14	BURNING(D)	2536	MC	+11253.00	8692.00	2561.00	0.00
X055	CTG 105MM HT M341	267.30	12.31	BURNING(D)	9236	LX	+1262.00	4910.00	3279.00	6927.00
X249	AIOT CTL ACT	152.49	1219.90	BURNING(D)	304976	AN	+314864.00	6838.00	308026.00	0.00
X259	COMP B,RECLMD	202.90	8.82	BURNING(D)	405600	CR	+13502.00	0.00	13502.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	1913.86	5289.62	986.48	918.19	TOTAL $848603.00-	TOTAL $123661.00	TOTAL $863377.00	TOTAL $1835641.00
TOTAL NO. OF SHIFTS BY METHOD =	329.38	1183.94	219.10	1259.99				

DEMIL LOCATION IS EARLE DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X001	CTG CAL 50 API M8	685.52	48.39	FURNACE(A)	3808440	LK	-228997.00	13220.00	33895.00	276112.00

TOTAL TONNAGE BY DEMIL METHOD =	685.52	.00	.00	TOTAL $228997.00-	TOTAL $13220.00	TOTAL $33895.00	TOTAL $276112.00
TOTAL NO. OF SHIFTS BY METHOD =	48.39	.00	.00				

DEMIL LOCATION IS HAWTHORNE DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X227	BATT CMPRT,LDD	190.62	0.01	FURNACE(A)	184	HA	-993.00	0.00	1.00	994.00
X148	FUZE,MK 230-4	49.63	0.28	FURNACE(A)	6616	HA	-14408.00	0.00	350.00	14758.00
X262	FZ PT DET	49.65	1.07	FURNACE(A)	25794	SR	-7646.00	660.00	77.00	8383.00
X044	CTG 20MM LKD	56.76	3.72	FURNACE(A)	148752	SR	-36332.00	781.00	298.00	37411.00
X037	CTG,20MM M97	54.66	4.81	FURNACE(A)	192461	HA	-19852.00	0.00	385.00	20237.00
X009	CTG,20MM M97	62.21	5.46	FURNACE(A)	218282	HA	-22513.00	0.00	437.00	22950.00
X010	CTG,20MM M95	85.10	7.46	FURNACE(A)	298580	HA	-34468.00	0.00	597.00	35065.00
X038	CTG,20MM M96	92.66	8.13	FURNACE(A)	325200	HA	-40816.00	0.00	650.00	41466.00
X041	CTG 7.62MM BALL TR	53.81	22.42	FURNACE(A)	1076174	SR	-20657.00	716.00	1722.00	23095.00
X029	CTG,20MM M96	304.19	27.16	FURNACE(A)	1086404	HA	-136354.00	0.00	2173.00	138527.00
X036	CTG CAL 50 API M8	232.40	28.34	FURNACE(A)	1133650	SR	-77285.00	3091.00	1814.00	82190.00
X011	CTG 20MM AP-T M95	396.96	33.06	FURNACE(A)	1323293	HA	-303960.00	0.00	2647.00	306607.00
X013	CTG,20MM M96	1873.76	167.30	FURNACE(A)	6691995	HA	-839912.00	0.00	13384.00	853296.00
X031	CTG,.30 BALL M2	210.16	145.95	FURNACE(A)	7005500	HA	-35027.00	0.00	11209.00	46236.00
X147	BOMB,DEPTH MK 5	276.34	70.21	WASHOUT(B)	1685	HA	-96967.00	0.00	9436.00	106003.00
X212	MT TY21	44.82	8.49	WASHOUT(B)	1698	MC	+1547.00	5642.00	1051.00	5146.00
X105	PROJECTILE,155	98.07	3.70	WASHOUT(B)	1923	HA	-2914.00	0.00	8045.00	10959.00
X095	CARTRIDGE,90 MI	46.11	5.56	WASHOUT(B)	2222	HA	-7406.00	0.00	1238.00	8644.00
X157	BOMB,GP,MK 82-1	680.13	65.43	WASHOUT(B)	2746	MC	-48813.00	85611.00	8972.00	143396.00
X103	PROJECTILE AND	168.60	8.54	WASHOUT(B)	3414	HA	-46850.00	0.00	1902.00	48752.00
X190	WHD,MET 5.00 HE	98.88	3.83	WASHOUT(B)	3829	HA	+2383.00	0.00	12494.00	9511.00
X088	PROJECTILE AND	307.87	14.35	WASHOUT(B)	5736	HA	-78743.00	0.00	3196.00	81939.00
X086	PROJ/CHG 120MM	347.38	15.79	WASHOUT(B)	6316	HA	-86674.00	0.00	3518.00	90192.00
X183	WRHD 10	98.53	8.20	WASHOUT(B)	6828	MC	-4758.00	12402.00	1562.00	18722.00
X083	PROJECTILE AND	386.20	22.68	WASHOUT(B)	9070	HA	-124466.00	0.00	5052.00	129520.00
X236	CASE,DC,LDD 8-0	1521.63	70.12	WASHOUT(B)	9817	HA	-509721.00	0.00	203386.00	713107.00
X238	DC,HE,7.2 MK4	461.33	106.04	WASHOUT(B)	14845	HA	-100352.00	0.00	10095.00	110447.00
X233	WHD,DC,MK 4-0,3	406.54	107.75	WASHOUT(B)	15065	HA	-107948.00	0.00	10258.00	118206.00
X181	WHD,MET 5.00 HE	396.73	18.85	WASHOUT(B)	15706	HA	-35420.00	0.00	3594.00	39014.00
X094	PROJ/CHG 120MM	940.20	44.40	WASHOUT(B)	17758	HA	-243693.00	0.00	9891.00	253584.00
X205	WRHD 10 9	273.76	21.74	WASHOUT(B)	18112	MC	-11059.00	34460.00	4144.00	49663.00
X087	PROJ/CHG 120MM	1147.79	54.45	WASHOUT(B)	21778	HA	-298860.00	0.00	12130.00	310990.00
X188	WHD,MET 5.00 HE	631.52	24.45	WASHOUT(B)	24454	HA	+19051.00	0.00	79794.00	60743.00
X200	ROCKET,HEAT,3.5	246.46	91.69	WASHOUT(B)	55014	HA	+3123.00	0.00	15129.00	12006.00
X141	PROJECTILE,155	3870.23	157.35	WASHOUT(B)	81823	HA	-131782.00	0.00	21110.00	152892.00
X223	CASE 25 1	403.42	9.20	DETONATION(C)	460	HA	+13342.00	0.00	13342.00	0.00
X152	DISP,CBU-63/B	216.56	5.25	DETONATION(C)	525	CR	+35612.00	38102.00	2855.00	5145.00
X149	DISP/BOM CBU 15	420.75	11.22	DETONATION(C)	1122	HA	-6689.00	0.00	6102.00	12791.00
X216	MINE AT M15	45.50	1.86	DETONATION(C)	1860	PU	+2523.00	2356.00	167.00	0.00
X129	PROJECTILE,155	111.25	3.00	DETONATION(C)	2247	HA	+3802.00	0.00	3802.00	0.00
X149	DISP/BOM CBU 15	1035.75	27.62	DETONATION(C)	2762	MC	+113909.00	130375.00	15021.00	31487.00

DEMIL LOCATION IS HAWTHORNE DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV UNIT	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X224	CASE 25 1	4534.09	103.40	DETONATION(C)	5170	HA	+149955.00	0.00	149955.00	C.CC
X237	CASE,DC,LDD 9-4	1094.62	41.70	DETONATION(C)	6255	HA	+3734.00	0.00	3734.00	0.00
X193	RT TY22	46.77	1.81	BURNING(D)	1813	HA	+327.00	0.00	751.00	424.00
X139	PROJ,81N AP,20	238.29	6.11	BURNING(D)	1833	HA	-1438.00	0.00	8861.00	10299.00
X165	CLUSTER,CHM AGT	46.76	9.35	BURNING(D)	1990	HA	+396.00	0.00	5411.00	5015.CC
X244	AR GAS IDSE M1	116.93	14.17	BURNING(D)	2126	HA	+7930.00	0.00	7930.00	0.00
X137	PROJ S-AY,5/25	76.30	3.55	BURNING(D)	2839	HA	+3860.00	0.00	3860.00	0.00
X124	PROJ S-AY,5/25	196.89	10.43	BURNING(D)	8343	HA	+11343.00	0.00	11343.00	0.00
X066	CTG 75MM SMK WP	152.60	10.86	BURNING(D)	8478	UM	+6668.00	9858.00	1895.00	4885.CC
X196	RKT MOTOR,5.00	3660.69	266.01	BURNING(D)	84004	HA	+125281.00	0.00	182739.00	57458.00
X261	HBX-1,GRD B	48.65	1.62	BURNING(D)	97310	HA	+2058.00	0.00	2058.00	0.00
X179	ROCKET,SMOKE,3.	445.17	177.44	BURNING(D)	99369	HA	+18062.00	0.00	39748.00	21686.00
X258	TNT,TY 1	55.03	1.83	BURNING(D)	110055	HA	+2328.00	0.00	2328.00	0.CC
X266	BOOSTER,M21A4	72.00	2.70	BURNING(D)	199995	MC	-977.00	9063.00	1960.00	12000.CC
X255	COMP A3,RECLMD	540.65	18.02	BURNING(D)	1081298	HA	+22869.00	0.00	22869.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	3714.82	7861.94		TOTAL	TOTAL	TOTAL	TOTAL
	12499.62		5696.93	$2984252.00-	$333117.00	$948472.00	$4265841.00
TOTAL NO. OF SHIFTS BY METHOD =	455.19	203.25					
	923.62		426.50				

DEMIL LOCATION IS MCALESTER DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV URIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X198	IGNR 118 1	105.37	0.47	FURNACE(A)	17561	MC	+538.00	0.00	696.00	158.00
X199	IGNR 118 2	199.77	0.89	FURNACE(A)	33295	MC	+1019.00	0.00	1319.00	300.00
X197	IGNR 117 2	581.62	2.58	FURNACE(A)	96936	MC	+2968.00	0.00	3840.00	872.00
X210	IGNR 120	736.25	3.27	FURNACE(A)	122705	MC	+3756.00	0.00	4860.00	1104.00
X018	CTG.50 TR M17	149.18	18.06	FURNACE(A)	1196450	MC	-35291.00	0.00	119.00	35410.00
X032	CTG,.30 TRA M25	45.80	15.27	FURNACE(A)	1526780	MC	-9542.00	0.00	1069.00	10611.00
X015	CTG.50 AP M2	1278.26	148.98	FURNACE(A)	9832760	MC	-824969.00	0.00	983.00	825952.00
X114	PROJ,8/55 HC	57.80	1.51	WASHOUT(B)	454	MC	-4291.00	0.00	1998.00	6289.00
X114	PROJ,8/55 HC	59.71	1.56	WASHOUT(B)	469	CR	-712.00	3721.00	2064.00	6497.00
X125	PROJ S AY,8/55	125.98	3.25	WASHOUT(B)	976	MC	-9226.00	0.00	4295.00	13521.00
X135	PROJ,6/47 AP	130.91	2.52	WASHOUT(B)	2014	MC	-4253.00	0.00	1031.00	5284.00
X132	PROJ,6/47 AP	133.44	2.57	WASHOUT(B)	2053	MC	-4335.00	0.00	1051.00	5386.00
X134	PROJ,6/47 AP	146.38	2.82	WASHOUT(B)	2252	MC	-4755.00	0.00	1153.00	5908.00
X192	WHD,RKT 5.00 HE	63.49	4.00	WASHOUT(B)	3203	CR	+5176.00	5203.00	7929.00	7956.00
X131	PROJ,6/47 AP	210.08	4.04	WASHOUT(B)	3232	MC	-6824.00	0.00	1655.00	8479.00
X084	PROJ/CHG 120MM	153.29	3.13	WASHOUT(B)	3439	CR	-33364.00	9553.00	6192.00	49109.00
X090	CTG 3/50	69.74	3.73	WASHOUT(B)	5602	YT	-17873.00	8567.00	7396.00	33836.00
X089	CTG 3/50	81.65	4.37	WASHOUT(B)	6558	YT	-20922.00	10029.00	8659.00	39610.00
X069	CARTRIDGE,90 MI	143.18	4.61	WASHOUT(B)	6912	MC	-11453.00	0.00	9126.00	20579.00
X101	PROJECTILE AND	297.42	6.35	WASHOUT(B)	6985	MC	-87170.00	0.00	12576.00	99746.00
X084	PROJ/CHG 120MM	347.95	7.10	WASHOUT(B)	7806	HA	-53618.00	43798.00	14054.00	111470.00
X083	PROJECTILE AND	461.06	13.54	WASHOUT(B)	10828	MC	-149080.00	0.00	5544.00	154624.00
X096	PROJECTILE AND	297.64	10.30	WASHOUT(B)	11328	MC	-140597.00	0.00	20395.00	160992.00
X061	PROJ, SA, 120MM	337.54	13.15	WASHOUT(B)	14468	MC	-180554.00	0.00	26049.00	206603.00
X047	CTG 40MM TEI-T MK1	66.56	2.31	WASHOUT(B)	18471	RR	-14548.00	1434.00	4573.00	20555.00
X128	PROJECTILE,155	930.66	24.60	WASHOUT(B)	19680	MC	-26697.00	0.00	10076.00	36773.00
X057	PROJ,90MM,HE A3	962.09	64.14	WASHOUT(B)	96205	MC	-247216.00	0.00	127021.00	374237.00
X106	CHG PROP C IN M2	160.61	28.04	BURNING(D)	5450	RR	+3410.00	3464.00	1777.00	1831.00
X098	CTG 90MM M431 HT-T	216.12	16.31	BURNING(D)	7928	RR	+4383.00	4661.00	3766.00	4044.00
X207	RM 22 0	102.77	1.54	BURNING(D)	37033	MC	+1118.00	0.00	1274.00	156.00
X171	GRENADE,RIFLE	63.35	81.21	BURNING(D)	81213	CR	+8009.00	3948.00	4061.00	0.00
X253	6/47 SPD	44.32	3.69	BURNING(D)	88632	MC	+213.00	0.00	213.00	0.00
X179	ROCKET,PRACTICE	473.11	88.01	BURNING(D)	105606	MC	-1715.00	0.00	21332.00	23047.00
X209	PROP GR 18 0	3300.00	122.22	BURNING(D)	275000	MC	+141202.00	0.00	141202.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	3096.23	.00	TOTAL	TOTAL	TOTAL	TOTAL
	5096.65	4360.28	$1717213.00-	$94378.00	$459348.00	$2270939.00
TOTAL NO. OF SHIFTS BY METHOD =	189.54	.00				
	179.60	341.82				

DEMIL LOCATION IS SEAL BEACH DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X065	CARTRIDGE,90 MI	59.53	6.91	BURNING(D)	2832	HA	-2345.00	4151.00	1971.00	8467.00
X075	CARTRIDGE,4.. I	99.89	12.04	BURNING(D)	8440	CR	-27927.00	20468.00	3435.00	51830.00
X056	CTG 4.2 IN M2 SR M	252.11	19.18	BURNING(D)	13446	LX	-24887.00	52212.00	5473.00	82572.00
X179	ROCKET,SMOKE,3.	590.98	92.77	BURNING(D)	131915	MC	+95752.00	98026.00	26515.00	28789.00
X008	CTG,20MM 997	45.17	4.16	BURNING(D)	158505	HA	-12326.00	3150.00	1189.00	16665.00
X024	CTG,20MM HET	49.96	4.60	BURNING(D)	175103	HA	-13617.00	3480.00	1313.00	18410.00
X023	CTG,20MM HEI-DI	55.30	5.09	BURNING(D)	194019	MC	-9772.00	9172.00	1455.00	20399.00
X142	CHG SUPP (A1 CASE)	46.20	1.48	BURNING(D)	196614	FW	+3616.00	2923.00	393.00	0.00
X043	CTG.20MM LNK.	58.90	5.43	BURNING(D)	206670	HA	-20695.00	4107.00	1550.00	26352.00
X012	CTG,20MM 996	76.00	7.12	BURNING(D)	271417	HA	-27273.00	5299.00	2036.00	34608.00
X025	CTG,20MM HEI	116.37	10.72	BURNING(D)	408318	HA	-31754.00	8115.00	3062.00	42931.00
X007	PROJ 20MM SA	85.40	13.22	BURNING(D)	503690	MC	-38319.00	10661.00	3778.00	52958.00
X025	CTG,20MM HEI	168.45	15.52	BURNING(D)	591060	MC	-29770.00	27941.00	4433.00	62144.00
X234	ESTR,AUX,DC 2-0	235.25	25.20	BURNING(D)	1344270	CR	+34764.00	48206.00	67214.00	80656.00
X024	CTG,20MM HET	732.11	67.43	BURNING(D)	2558808	MC	-129383.00	121435.00	19266.00	270084.00
X028	CTG,20MM HE	1090.77	100.47	BURNING(D)	3827268	MC	-192768.00	180926.00	28705.00	402399.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	.00		TOTAL	TOTAL	TOTAL	TOTAL
	.00		3742.41	$427004.00-	$600472.00	$171788.00	$1199264.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	.00					
	.00		391.34				

DEMIL LOCATION IS YORKTOWN DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X250	FLARE A/C 45-0	86.88	17.69	BURNING(D)	5890	CR	+6134.00	6487.00	595.00	948.00
X164	FUZE,MK 344-0	43.29	2.00	BURNING(D)	19951	EA	-4113.00	1493.00	379.00	5985.00
X263	FZ PD 27 0	148.51	118.81	BURNING(D)	1188097	MC	-345316.00	18242.00	22574.00	386132.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	.00		TOTAL	TOTAL	TOTAL	TOTAL
	.00		278.68	$343295.00-	$26222.00	$23548.00	$393065.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	.00					
	.00		138.50				

DEMIL LOCATION IS KEYPORT NTS DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X014	CTG CAL 30 AP API	54.45	27.22	FURNACE(A)	1361150	SR	-15980.00	3621.00	272.00	19873.00
X022	CTG,.30 LINKED	49.11	32.78	FURNACE(A)	1639168	KE	-23604.00	0.00	328.00	23932.00
X033	CTG 7.62MM 4 BALL-	359.19	143.68	FURNACE(A)	7183800	UM	-140682.00	12045.00	1437.00	154164.CC
X035	CTG 7.62MM 4 BALL-	114.96	459.84	FURNACE(A)	22992192	UM	-356203.00	3855.00	4598.00	364656.CC
X089	CTG 3/50	81.50	6.81	WASHOUT(B)	6546	HA	-31303.00	6991.00	1244.00	39538.00
X089	CTG 3/50	87.10	7.28	WASHOUT(B)	6996	SB	-30683.00	10244.00	1329.00	42256.00
X062	CTG,3/50 VT	129.69	10.75	WASHOUT(B)	10334	HA	-49326.00	11126.00	1963.00	62417.00
X090	CTG 3/50	217.90	18.21	WASHOUT(B)	17502	HA	-83694.00	18693.00	3325.00	105712.00
X118	PROJ,16/50 AP	45.90	1.13	DETONATION(C)	34	KE	+1142.00	0.00	1142.00	0.00
X119	PROJ,16/50 AP	75.60	1.87	DETONATION(C)	56	KE	+1882.00	0.00	1882.00	0.00
X123	CHG,PROP 16/50	70.52	20.05	BURNING(D)	421	KE	+1579.00	0.00	1579.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	577.78	516.19	121.50	70.52	TOTAL $726674.00-	TOTAL $66575.00	TOTAL $19099.00	TOTAL $812548.00
TOTAL NO. OF SHIFTS BY METHOD =	663.52	43.05	3.00	20.05				

DEMIL LOCATION IS CHARLESTON DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X256	COMP A3	277.41	138.71	BURNING(D)	554830	MC	+34190.00	28753.00	5437.00	0.00
X259	COMP A,RECLMD	416.33	208.16	BURNING(D)	832655	MC	+51310.00	43150.00	8160.00	0.00

TOTAL TONNAGE BY DEMIL METHOD =	.00	.00	.00	693.74	TOTAL $85500.00+	TOTAL $71903.00	TOTAL $13597.00	TOTAL $.00
TOTAL NO. OF SHIFTS BY METHOD =	.00	.00	.00	346.87				

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DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV ORIG	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X005	MISC	0.01	0.00	FURNACE(A)	16	SV	+0.00	0.00	0.00	0.00
X217	UMN 290 25 1	81.34	0.00	FURNACE(A)	87	CH	+0.00	0.00	0.00	0.00
X225	CASE 36 2	79.28	0.00	FURNACE(A)	101	YT	+0.00	0.00	0.00	0.00
X268	GUIDED MISSILE,	139.21	0.00	FURNACE(A)	215	SE	+0.00	0.00	0.00	0.00
X143	PROJ,16/50 HC	264.60	0.00	FURNACE(A)	268	KE	+0.00	0.00	0.00	0.00
X140	PROJ,16/50 AP	573.75	0.00	FURNACE(A)	425	KE	+0.00	0.00	0.00	0.00
X225	CASE 36 2	208.49	0.00	FURNACE(A)	476	HA	+0.00	0.00	0.00	0.00
X269	MRO W3163H-3228-90	144.00	0.00	FURNACE(A)	480	PU	+0.00	0.00	0.00	0.00
X120	PROJ,16/50 AP	661.50	0.00	FURNACE(A)	490	KE	+0.00	0.00	0.00	0.00
X272	PROPELLANT	89.50	0.00	FURNACE(A)	639	PU	+0.00	0.00	0.00	0.00
X160	DISP E BMB AC CBU	464.70	0.00	FURNACE(A)	691	FW	+0.00	0.00	0.00	0.00
X172	BULLPUP MISSILE	156.00	0.00	FURNACE(A)	695	LK	+0.00	0.00	0.00	0.00
X117	PROJ,16/50 HC	767.05	0.00	FURNACE(A)	829	KE	+0.00	0.00	0.00	0.00
X202	WRHD SEC/M61	706.36	0.00	FURNACE(A)	872	SK	+0.00	0.00	0.00	0.00
X167	DISP E BMB AC CBU	757.35	0.00	FURNACE(A)	1125	TE	+0.00	0.00	0.00	0.00
X225	CASE 36 2	573.34	0.00	FURNACE(A)	1309	CR	+0.00	0.00	0.00	0.00
X245	CRESYLIC ACID	343.20	0.00	FURNACE(A)	1320	CH	+0.00	0.00	0.00	0.00
X242	CLUST,PROJ 14-0	44.43	0.00	FURNACE(A)	1367	CH	+0.00	0.00	0.00	0.00
X136	PROJ,5/38 HC	40.31	0.00	FURNACE(A)	1512	CD	+0.00	0.00	0.00	0.00
X211	WRHD SEC/M144	1322.70	0.00	FURNACE(A)	1628	SR	+0.00	0.00	0.00	0.00
X138	PROJ S AY,16/50	2231.55	0.00	FURNACE(A)	1653	KE	+0.00	0.00	0.00	0.00
X091	CTG,VT 34	44.15	0.00	FURNACE(A)	2408	HA	+0.00	0.00	0.00	0.00
X271	PTL CNTR BULLPUP	493.31	0.00	FURNACE(A)	2905	SR	+0.00	0.00	0.00	0.00
X242	CLUST,PROJ 14-0	116.77	0.00	FURNACE(A)	3593	HA	+0.00	0.00	0.00	0.00
X194	RM 3	62.04	0.00	FURNACE(A)	3818	MC	+0.00	0.00	0.00	0.00
X099	CTG 105MM SM WP-TM	166.20	0.00	FURNACE(A)	4654	SV	+0.00	0.00	0.00	0.00
X051	CTG 76MM HE	120.57	0.00	FURNACE(A)	5674	SV	+0.00	0.00	0.00	0.00
X195	RM 4	53.65	0.00	FURNACE(A)	6072	MC	+0.00	0.00	0.00	0.00
X048	LAUN E CTG RIOT CT	193.22	0.00	FURNACE(A)	6174	SR	+0.00	0.00	0.00	0.00
X144	ADAPTER CLUSTER BM	573.72	0.00	FURNACE(A)	6675	SV	+0.00	0.00	0.00	0.00
X270	CNTR AGM-12C CNT S	147.01	0.00	FURNACE(A)	7014	SR	+0.00	0.00	0.00	0.00
X051	CTG 76MM HE	150.47	0.00	FURNACE(A)	7081	NV	+0.00	0.00	0.00	0.00
X247	SMK FS MIX	68.00	0.00	FURNACE(A)	8500	CH	+0.00	0.00	0.00	0.00
X002	MISC SMALL ARMS	1.64	0.00	FURNACE(A)	12164	SV	+0.00	0.00	0.00	0.00
X156	DISP E BMB ACFT CB	10472.60	0.00	FURNACE(A)	16376	SR	+0.00	0.00	0.00	0.00
X235	FUZE,DC,MK 177	45.16	0.00	FURNACE(A)	24083	EA	+0.00	0.00	0.00	0.00
X206	PREP GR 24 1	66.32	0.00	FURNACE(A)	32830	MC	+0.00	0.00	0.00	0.00
X247	SMK FS MIX	348.00	0.00	FURNACE(A)	43500	HA	+0.00	0.00	0.00	0.00
X079	PROJ 75MM AP	344.89	0.00	FURNACE(A)	49840	LK	+0.00	0.00	0.00	0.00
X204	PROP GR 21 2	351.94	0.00	FURNACE(A)	64330	MC	+0.00	0.00	0.00	0.00
X002	MISC SMALL ARMS	11.72	0.00	FURNACE(A)	86846	LX	+0.00	0.00	0.00	0.00

DEMIL LOCATION IS DUMMY FACILITY DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV UNIT	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X039	CTG 20MM TP HCR 25	40.25	0.00	FURNACE(A)	31573	TC	+0.00	0.00	0.00	0.00
X254	C/47 SPD	60.66	0.00	FURNACE(A)	121194	YT	+0.00	0.00	0.00	0.00
X257	EXP [illegible],CL A	61.25	0.00	FURNACE(A)	122500	CK	+0.00	0.00	0.00	0.00
X235	FUZE,TC,MK 177	243.05	0.00	FURNACE(A)	129626	CK	+0.00	0.00	0.00	0.00
X235	FUZE,DC,MK 177	245.44	0.00	FURNACE(A)	130903	HA	+0.00	0.00	0.00	0.00
X265	BOOSTER M21A4	55.5E	0.00	FURNACE(A)	148774	LX	+0.00	0.00	0.00	0.00
X246	RIOT CTL AGT CS-2	177.26	0.00	FURNACE(A)	164896	SR	+0.00	0.00	0.00	0.00
X265	BOOSTER M21A4	83.58	0.00	FURNACE(A)	23217o	LK	+0.00	0.00	0.00	0.00
X021	CTG CAL 50 API MB	56.36	0.00	FURNACE(A)	256280	SR	+0.00	0.00	0.00	0.00
X247	SMK HS MIX	2304.00	0.00	FURNACE(A)	289000	YT	+0.00	0.00	0.00	0.00
X016	CTG CAL 50 AP	62.29	0.00	FURNACE(A)	327819	AA	+0.00	0.00	0.00	0.00
X020	CTG 20MM LKD 4HEI	154. 4	0.00	FURNACE(A)	366800	AK	+0.00	0.00	0.00	0.00
X265	BOOSTER M21A4	267.67	0.00	FURNACE(A)	743534	KR	+0.00	0.00	0.00	0.00
X005	MISC	522.41	0.00	FURNACE(A)	829216	TE	+0.00	0.00	0.00	0.00
X102	MISC SMALL ARMS	115.10	0.00	FURNACE(A)	853160	SR	+0.00	0.00	0.00	0.00
X019	CTG CAL 50 API LKD	328.30	0.00	FURNACE(A)	1728187	SR	+0.00	0.00	0.00	0.00
X027	CTG 7.62MM	126.72	0.00	FURNACE(A)	2112000	SR	+0.00	0.00	0.00	0.00
X003	CTG CAL 7.62MM BAL	93.30	0.00	FURNACE(A)	2332377	KR	+0.00	0.00	0.00	0.00
X004	CTG CAL 50 API M8	548.71	0.00	FURNACE(A)	3429411	KR	+0.00	0.00	0.00	0.00
X042	CTG 7.62MM 4B/1TR	200.05	0.00	FURNACE(A)	4001050	PD	+0.00	0.00	0.00	0.00
X040	CTG.30 LINKED	183.51	0.00	FURNACE(A)	6117000	SS	+0.00	0.00	0.00	0.00
X040	CTG.30 LINKED	238.63	0.00	FURNACE(A)	7954320	CK	+0.00	0.00	0.00	0.00
X002	MISC SMALL ARMS	2106.24	0.00	FURNACE(A)	15601815	UM	+0.00	0.00	0.00	0.00
X268	GUIDED MISSILE,	42.09	0.00	WASHOUT(B)	65	CK	+0.00	0.00	0.00	0.00
X166	20MM,GP F4 ALL	114.96	0.00	WASHOUT(B)	122	MC	+0.00	0.00	0.00	0.00
X231	40MM,MOD 16 7	60.55	0.00	WASHOUT(B)	127	CK	+0.00	0.00	0.00	0.00
X159	20MM,GP MK 82	60.16	0.00	WASHOUT(B)	235	CK	+0.00	0.00	0.00	0.00
X159	20MM,GP MK 82	65.79	0.00	WASHOUT(B)	257	EA	+0.00	0.00	0.00	0.00
X163	30MM,GP F4-ALL	258.24	0.00	WASHOUT(B)	274	MC	+0.00	0.00	0.00	0.00
X161	DISP E 8MM ACFT CB	309.30	0.00	WASHOUT(B)	453	SR	+0.00	0.00	0.00	0.00
X225	CASE 36 2	261.96	0.00	WASHOUT(B)	598	MC	+0.00	0.00	0.00	0.00
X068	CTG 76MM SMK WP M3	73.30	0.00	WASHOUT(B)	3451	UM	+0.00	0.00	0.00	0.00
X104	PROJ 175MM HE M437	209.20	0.00	WASHOUT(B)	3456	LX	+0.00	0.00	0.00	0.00
X051	CTG 76MM HE	162.01	0.00	WASHOUT(B)	7624	LX	+0.00	0.00	0.00	0.00
X049	CTG 76MM HE CAP E	177.50	0.00	WASHOUT(B)	10000	LX	+0.00	0.00	0.00	0.00
X167	DISP E 8MM AC C6U	7341.62	0.00	WASHOUT(B)	10905	SR	+0.00	0.00	0.00	0.00
X067	CTG 76MM HE M352	261.40	0.00	WASHOUT(B)	12433	TE	+0.00	0.00	0.00	0.00
X050	CTG 76MM TP	311.94	0.00	WASHOUT(B)	14851	LX	+0.00	0.00	0.00	0.00
X059	PROJ,90MM T91	244.55	0.00	WASHOUT(B)	24455	HA	+0.00	0.00	0.00	0.00
X078	PROJ 76MM WP	324.37	0.00	WASHOUT(B)	53045	LK	+0.00	0.00	0.00	0.00
X050	CTG 76MM HE	1200.04	0.00	WASHOUT(B)	57131	NV	+0.00	0.00	0.00	0.00

DEMIL LOCATION IS DUMMY FACILITY DATE: 04/19/77

DODIC	NOMENCLATURE	TONNAGE	NUMBER OF SHIFTS	DEMIL METHOD	ALLOCATION QUANTITY	INV UNIT	NET DIRECT COST	TRANSPORTATION COST	PROCESS COST	RECLAMATION VALUE
X077	PROJ 105MM WP	1289.59	0.00	WASHOUT(B)	80348	LK	+0.00	0.00	0.00	0.00
X267	FIRE STEEL CTG CA	581.70	0.00	WASHOUT(B)	211913	KR	+0.00	0.00	0.00	0.00
X173	MKT PTR XM100	62.20	0.00	DETONATION(C)	14	PG	+0.00	0.00	0.00	0.00
X169	DISP & B4R AC CBU	63.20	0.00	DETONATION(C)	99	KR	+0.00	0.00	0.00	0.00
X121	PROJ,16/50 AP	326.70	0.00	DETONATION(C)	242	KE	+0.00	0.00	0.00	0.00
X040	CTG,3C LINKED	64.92	0.00	DETONATION(C)	2164000	HA	+0.00	0.00	0.00	0.00
X113	PROJ,6/47 ILLUM	60.36	0.00	BURNING(D)	1365	HA	+0.00	0.00	0.00	0.00
X136	PROJ,5/38 HC	44.20	0.00	BURNING(D)	1661	HA	+0.00	0.00	0.00	0.00
X100	CTG 105MM AP-T M41	72.30	0.00	BURNING(D)	2112	AA	+0.00	0.00	0.00	0.00
X096	PROJ 4.2 IN WP	56.19	0.00	BURNING(D)	5748	LK	+0.00	0.00	0.00	0.00
X066	CTG 76MM SPN WP M3	173.39	0.00	BURNING(D)	8187	AA	+0.00	0.00	0.00	0.00
X243	PIGT CTL AGNT	141.52	0.00	BURNING(D)	117440	LK	+0.00	0.00	0.00	0.00

TOTAL TONNAGE FOR DUMMY FACILITY

	FURNACE	WASHOUT	DETONATION	BURNING
GRAND TOTAL TONNAGE BY DEMIL METHOD	31746.00	13419.00	517.00	569.00

GRAND TOTALS FOR DEMIL LOCATIONS DATE: 04/19/77

	FURNACE	WASHOUT	DETONATION	BURNING
GRAND TOTAL TONNAGE BY DEMIL METHOD	10300.00	41131.00	13174.00	25272.00
GRAND TOTAL NETCOST BY DEMIL METHOD	$3643642.00-	$5379088.00-	$657950.00	$27462.00
GRAND TOTAL TRANS COST BY DEMIL METHOD	$47947.00	$783019.00	$317056.00	$1094683.00
GRAND TOTAL PROCESS COST BY DEMIL METHOD	$491430.00	$2596161.00	$402235.00	$1525926.00
GRAND TOTAL RECL VALUE BY DEMIL METHOD	$4433019.00	$8758266.00	$61341.00	$2593147.00

APPENDIX B

PART 5

ITEM RANKING BY GREATEST DIRECT PAYBACK
(5-YR TIME LIMIT)

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LEAST-COST ANALYSIS
(5-YR TIME LIMIT)

ITEM RANKING BY GREATEST DIRECT PAYBACK
(PAYBACK OVER $ 100,000)

ITEM	DEMIL SITE	INVENTORY SITE	DIRECT PAYBACK
CTG. 20mm M96	HAWTHORNE	SAME	839,910
CTG. .50 AP M2	MC ALESTER	SAME	824,970
CASE, DC, LDD 8-0	HAWTHORNE	SAME	509,720
CTG 7.62mm 4-Ball (A127)	KEYPORT	UMATILLA	356,200
FZ, PD, 27-0	YORKTOWN	MC ALESTER	345,320
CTG, 7.62mm Ball TR	RED RIVER	SAME	345,160
CTG 20mm AP-T M95	HAWTHORNE	SAME	303,960
PROJ/CHG 120mm (C804)	HAWTHORNE	SAME	298,860
Bomb Depth MK5	CRANE	SAME	279,010
Projectile And (C807)	LEX-BLUGRASS	CRANE	250,120
Proj. 90mm, HE, A3	MC ALESTER	SAME	247,220
Proj/Chg 120mm (C802)	HAWTHORNE	SAME	243,690
CTG CAL 50 API M8	EARLE	LETTERKENNY	229,000
Proj 3/50 AP	RED RIVER	CRANE	222,810
Projectile And (C807)	TOOELE	HAWTHORNE	217,550
Proj/Chg 120mm (C802)	CRANE	SAME	202,890
CTG 20mm HE	SEAL BEACH	MC ALESTER	192,770
Proj, SA 120mm	MC ALESTER	SAME	180,550
CTG 20mm HE	CRANE	SAME	156,720
Projectile And (C801)	TOOELE	HAWTHORNE	154,240
Projectile And (C800)	MC ALESTER	SAME	149,080
Bomb GP MK 82-1	CRANE	SAME	142,770

ITEM RANKING BY GREATEST DIRECT PAYBACK CON'T

ITEM	DEMIL SITE	INVENTORY SITE	DIRECT PAYBACK
CTG 105mm HE M323	LEX-BLUGRASS	SAME	141,200
CTG 7.62mm 4-Ball (A131)	KEYPORT	UMATILLA	140,680
Projectile And (C807)	MC ALESTER	SAME	140,600
CTG 20mm M96 (A776)	HAWTHORNE	SAME	136,350
Projectile 155	HAWTHORNE	SAME	131,780
CTG 20mm HET (A745)	SEAL BEACH	MC ALESTER	129,380
Proj/Chg 120mm (C804)	CRANE	SAME	127,190
Projectile And	HAWTHORNE	SAME	124,470
DC HE 7.2 MK4	CRANE	SAME	120,920
CASE 18-0	TOOELE	HAWTHORNE	119,350
Proj SA 120mm	RED RIVER	MC ALESTER	108,130
WHD, DC, MK 4-0, 3	HAWTHORNE	SAME	107,950
DC, HE, 7.2 MK4	HAWTHORNE	SAME	100,350

ECONOMIC ANALYSIS

FOR

DEMILITARIZATION AND DISPOSAL

APPENDIX C

SUMMARY RESULT TABLES

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TABLE C.1 ON-SITE ANALYSIS DATA SUMMARY

(IN THOUSANDS)

SITE[1]	TONNAGE TO BE DEMILLED[2]	DEMIL PROCESSING COST ($)	RECLAMATION VALUE ($)	STORAGE SPACE RELEASED[3] (SQ. FT.)	ANNUAL PROCESSING AND STORAGE COST[4] ($)	VALUE OF STORAGE SPACE RELEASED[5] ($)	NET DIRECT COST[6] ($)	NET COST AVOIDANCE[7] ($)
ANNISTON	.439	633.1	2.0	3.4	5.6	109.1	631.1	-516.5
LETTERKENNY	1.013	127.0	276.1	7.9	12.8	252.2	-149.1	414.1
PUEBLO	.046	2.6	0.0	0.4	0.6	11.3	2.6	9.3
RED RIVER	.545	44.0	375.2	4.2	6.9	135.5	-331.2	473.6
TOOELE	.255	9.1	5.0	2.0	3.2	63.4	4.1	62.5
FORT WINGATE	.047	4.9	0.0	0.4	0.6	11.6	4.9	7.3
SAVANNA	.046	5.2	19.0	0.4	0.6	11.4	-13.8	25.8
SIERRA	.520	96.2	196.0	4.1	6.6	129.3	-99.7	235.6
UMATILLA	.646	356.3	520.1	5.0	8.2	160.8	-163.7	332.7
NAVAJO	.443	33.9	55.1	3.5	5.6	110.1	-21.2	136.9
SENECA	.043	7.8	1.3	0.3	0.5	10.6	6.5	4.6
LEX-BLUEGRASS	2.023	701.4	209.9	15.8	25.6	503.4	491.5	37.6
CRANE	16.144	4196.1	3319.0	125.9	204.6	4017.6	877.1	3345.1
EARLE	.098	54.6	6.8	0.8	1.2	24.5	47.8	-22.1
HAWTHORNE	38.186	3430.0	5845.2	297.9	483.9	9502.5	-2415.3	12401.6
McALESTER	27.281	6190.1	3870.3	212.8	345.7	6788.7	2319.7	4814.6
SEAL BEACH	.310	34.1	27.6	2.4	3.9	77.1	6.5	74.5
YORKTOWN	.428	186.3	47.9	3.3	5.4	106.6	138.4	-26.4
KEYPORT	.313	29.3	23.9	2.4	4.0	77.8	5.3	76.5
TOTALS	88.826	16142.0	14800.4	692.9	1125.5	22103.5	1341.5	21887.3

[1]LOCATION OF INVENTORY AND THE SITE OF DEMIL/DISPOSAL
[2]TOTAL WEIGHT OF ALL ITEMS IN THE INVENTORY FOR DEMIL/DISPOSAL
[3]BASED ON STORAGE DENSITY OF 7.8 SQ. FT./TON
[4]COST FOR SURVEILLANCE AND INSPECTION OF DEMIL INVENTORY; $12.67/TON
[5]BASED ON VALUE OF $31.90/SQ. FT.
[6]DEMIL PROCESSING COST MINUS RECLAMATION VALUE
[7]RECLAMATION VALUE PLUS VALUE OF STORAGE SPACE RELEASED PLUS ANNUAL PROCESSING AND STORAGE COST MINUS DEMIL PROCESSING COST

TABLE C.2 LEAST-COST ANALYSIS (50- YR TIME LIMIT) DATA SUMMARY

(IN THOUSANDS)

DEMIL/DISPOSAL SITE[1]	TONNAGE TO BE DEMILLED[2]	TRANSPORTATION COST[3] ($)	DEMIL PROCESSING COST ($)	RECLAMATION VALUE ($)	STORAGE SPACE RELEASED[4] (SQ. FT.)	ANNUAL PROCESSING AN STORAGE COST[5]	VALUE OF STORAGE SPACE RELEASED[6] ($)	NET DIRECT COST[7]	NET COST AVOIDANCE[8] ($)
ANNISTON	1.726	78.0	82.0	119.1	13.5	21.9	429.5	40.9	410.5
LETTERKENNY	.332	8.6	11.5	1.8	2.6	4.2	82.7	18.2	68.7
PUEBLO	2.153	111.5	344.8	573.3	16.8	27.3	535.8	-116.9	680.0
RED RIVER	9.785	248.7	845.8	1690.3	76.3	124.0	2434.7	-595.9	3154.6
TOOELE	6.606	300.6	244.5	927.2	51.5	83.7	1643.9	-382.1	2109.7
FORT WINGATE	INVENTORY SHIPPED OUT FOR DEMIL/DISPOSAL								
SAVANNA	.046	0.0	5.2	19.0	0.4	0.6	11.4	-13.8	25.8
SIERRA	3.075	43.5	116.6	205.5	24.0	39.0	765.1	-45.4	849.4
UMATILLA	INVENTORY SHIPPED OUT FOR DEMIL/DISPOSAL								
NAVAJO	.553	5.6	38.5	70.1	4.3	7.0	137.7	-26.0	170.7
SENECA	INVENTORY SHIPPED OUT FOR DEMIL/DISPOSAL								
LEX-BLUGRASS	7.408	116.7	602.2	1186.0	57.8	93.9	1843.3	-467.1	2404.1
CRANE	9.178	126.8	1005.1	1835.6	71.6	116.3	2283.7	-703.7	3103.8
EARLE	.686	13.2	33.9	276.1	5.4	8.7	170.6	-229.0	408.3
HAWTHORNE	29.773	333.1	948.5	4765.8	232.2	377.2	7408.2	-2984.3	10769.7
McALESTER	12.553	94.4	459.3	2270.9	97.9	159.0	3123.5	-1717.2	5000.0
SEAL BEACH	3.742	600.5	171.8	1199.3	29.2	47.4	931.2	-427.0	1405.6
YORKTOWN	.279	26.2	23.5	393.1	2.2	3.5	69.3	-343.3	416.2
KEYPORT	1.286	66.6	19.1	812.5	10.0	16.3	320.0	-726.9	1063.1
CHARLESTON[9]	.694	71.9	13.6	0.0	5.4	8.8	172.6	85.5	95.9
TOTALS	89.875	2245.9	4965.9	15845.6	701.1	1138.8	22363.2	-8634.0	32136.1

[1]THE LEAST-COST DEMIL/DISPOSAL LOCATION
[2]TOTAL WEIGHT OF ALL ITEMS ALLOCATED TO THE DEMIL/DISPOSAL SITE
[3]TOTAL COST OF TRANSPORTATION OF ITEMS FROM THE INVENTORY LOCATION TO THE LEAST-COST DEMIL/DISPOSAL SITE DENOTED IN COLUMN 1
[4]BASED ON STORAGE DENSITY OF 7.8 SQ. FT./TON
[5]COST FOR SURVEILLANCE AND INSPECTION OF DEMIL INVENTORY; $12.67/TON
[6]BASED ON VALUE OF $31.90/SQ. FT.
[7]DEMIL PROCESSING COST PLUS TRANSPORTATION COST MINUS RECLAMATION VALUE
[8]RECLAMATION VALUE PLUS ANNUAL PROCESSING AND STORAGE COST PLUS VALUE OF STORAGE SPACE RELEASED MINUS TRANSPORTATION COST MINUS DEMIL PROCESSING COST
[9]INVENTORY AT CHARLESTON WAS NOT CONSIDERED. DEMIL/DISPOSAL OCCURS AT CHARLESTON BECAUSE OF ITS COMPETITIVE DEMIL PROCESSING COST

TABLE C.3 LEAST-COST ANALYSIS (5-YR TIME LIMIT) DATA SUMMARY

(IN THOUSANDS)

DEMIL/DISPOSAL SITE[1]	TONNAGE TO BE DEMILLED[2]	TRANSPORTATION COST[3] ($)	DEMIL PROCESSING COST ($)	RECLAMATION VALUE ($)	STORAGE SPACE RELEASED[4] (SQ. FT.)	ANNUAL PROCESSING AN STORAGE COST[5]	VALUE OF STORAGE SPACE RELEASED[6] ($)	NET DIRECT COST[7]	NET COST AVOIDANCE[8] ($)
ANNISTON	1.796	78.0	273.6	119.1	14.0	22.8	447.0	232.4	237.3
LETTERKENNY	.332	8.6	11.5	1.8	2.6	4.2	82.7	18.2	68.7
PUEBLO	2.153	111.5	344.8	573.3	16.8	27.3	535.8	-116.9	680.0
RED RIVER	9.785	248.7	845.8	1690.3	76.3	124.0	2434.7	-595.9	3154.6
TOOELE	6.606	300.6	244.5	927.2	51.5	83.7	1643.9	-382.1	2109.7
FORT WINGATE	INVENTORY SHIPPED OUT FOR DEMIL/DISPOSAL								
SAVANNA	.046	0.0	5.2	19.0	0.4	0.6	11.4	-13.8	25.8
SIERRA	3.075	43.5	116.6	205.5	24.0	39.0	765.1	-45.4	849.4
UMATILLA	INVENTORY SHIPPED OUT FOR DEMIL/DISPOSAL								
NAVAJO	.553	5.6	38.5	70.1	4.3	7.0	137.7	-26.0	170.7
SENECA	INVENTORY SHIPPED OUT FOR DEMIL/DISPOSAL								
LEX-BLUGRASS	7.408	116.7	602.2	1186.0	57.8	93.9	1843.3	-467.1	2405.0
CRANE	9.108	123.7	863.4	1835.6	71.0	115.4	2266.3	-848.6	3230.3
EARLE	.686	13.2	33.9	276.1	5.4	8.7	170.6	-229.0	408.3
HAWTHORNE	29.773	333.1	948.5	4765.8	232.2	377.2	7408.2	-2984.3	10770.0
McALESTER	12.553	94.4	459.3	2270.9	97.9	159.0	3123.5	-1717.2	5000.0
SEAL BEACH	3.742	600.5	171.8	1199.3	29.2	47.4	931.2	-427.0	1405.6
YORKTOWN	.279	26.2	23.5	393.1	2.2	3.5	69.3	-343.3	416.2
KEYPORT	1.286	66.6	19.1	812.5	10.0	16.3	320.0	-726.9	1063.1
CHARLESTON[9]	.694	71.9	13.6	0.0	5.4	8.8	172.6	85.5	95.9
TOTALS	89.875	2242.8	5015.8	15845.6	701.0	1138.8	22363.2	-8587.4	32090.5

[1]THE LEAST-COST DEMIL/DISPOSAL LOCATION
[2]TOTAL WEIGHT OF ALL ITEMS ALLOCATED TO THE DEMIL/DISPOSAL SITE
[3]TOTAL COST OF TRANSPORTATION OF ITEMS FROM THE INVENTORY LOCATION TO THE LEAST-COST DEMIL/DISPOSAL SITE DENOTED IN COLUMN 1
[4]BASED ON STORAGE DENSITY OF 7.8 SQ. FT./TON
[5]COST FOR SURVEILLANCE AND INSPECTION OF DEMIL INVENTORY; $12.67/TON
[6]BASED ON VALUE OF $31.90/SQ. FT.
[7]DEMIL PROCESSING COST PLUS TRANSPORTATION COST MINUS RECLAMATION VALUE
[8]RECLAMATION VALUE PLUS ANNUAL PROCESSING AND STORAGE COST PLUS VALUE OF STORAGE SPACE RELEASED MINUS TRANSPORTATION COST MINUS DEMIL PROCESSING COST
[9]INVENTORY AT CHARLESTON WAS NOT CONSIDERED. DEMIL/DISPOSAL OCCURS AT CHARLESTON BECAUSE OF ITS COMPETITIVE DEMIL PROCESSING COST

TABLE C.4 DEMIL WORKLOAD SUMMARY BY METHOD AND SITE

DEMIL/DISPOSAL SITE	NUMBER OF 8-HR SHIFTS REQUIRED TO COMPLETE DEMIL/DISPOSAL											
	ON-SITE ANALYSIS				LEAST-COST ANALYSIS (50-YR TIME LIMIT)				LEAST-COST ANALYSIS (5-YR TIME LIMIT)			
	FURNACE	WASHOUT	DETONATION	BURNING	FURNACE	WASHOUT	DETONATION	BURNING	FURNACE	WASHOUT	DETONATION	BURNING
ANNISTON	0	0	16	903	0	25	9	30	0	25	9	311
LETTERKENNY	30	0	23	32	0	2	0	6	0	2	0	6
PUEBLO	0	0	3	0	0	177	0	0	0	177	0	0
RED RIVER	1	7	0	29	5	369	0	100	5	369	0	100
TOOELE	0	0	8	0	0	54	33	82	0	54	33	82
FORT WINGATE	0	0	2	0	INVENTORY SHIPPED OUT FOR DEMIL				INVENTORY SHIPPED OUT FOR DEMIL			
SAVANNA	0	0	0	4	0	0	0	4	0	0	0	4
SIERRA	43	0	0	0	11	0	27	5	11	0	27	5
UMATILLA	94	0	48	0	INVENTORY SHIPPED OUT FOR DEMIL				INVENTORY SHIIPED OUT FOR DEMIL			
NAVAJO	0	13	0	0	0	15	0	1	0	15	0	1
SENECA	0	0	0	8	INVENTORY SHIPPED OUT FOR DEMIL				INVENTORY SHIPPED OUT FOR DEMIL			
LEX-BLUGRASS	0	34	374	353	0	350	0	14	0	350	0	14
CRANE	317	2094	491	896	329	1184	219	1821	329	1184	219	1260
EARLE	0	0	0	38	48	0	0	0	48	0	0	0
HAWTHORNE	483	1539	361	1081	455	924	203	427	455	924	203	427
McALESTER	742	1345	1295	1220	190	180	0	342	190	180	0	342
SEAL BEACH	0	0	33	0	0	0	0	391	0	0	0	391
YORKTOWN	0	17	92	0	0	0	0	139	0	0	0	139
KEYPORT	33	0	3	49	664	43	3	20	664	43	3	20
CHARLESTON[1]	NA	NA	NA	NA	0	0	0	347	0	0	0	347

[1]INVENTORY AT CHARLESTON WAS NOT CONSIDERED. DEMIL/DISPOSAL OCCURS AT CHARLESTON BECAUSE OF ITS COMPETITIVE DEMIL PROCESSING COST.

TABLE C.5 THE METHOD AT THE DEMIL SITE WITH THE GREATEST WORKLOAD AND THE TIME NEEDED TO COMPLETE WORKLOAD[1]

DEMIL/DISPOSAL SITE	ON-SITE ANALYSIS				LEAST-COST(50-YR TIME LIMIT)				LEAST-COST(5-YR TIME LIMIT)			
	METHOD WITH GREATEST WORKLOAD	TIME TO COMPLETE WORKLOAD			METHOD WITH GREATEST WORKLOAD	TIME TO COMPLETE WORKLOAD			METHOD WITH GREATEST WORKLOAD	TIME TO COMPLETE WORKLOAD		
		YR	MO	DAY		YR	MO	DAY		YR	MO	DAY
ANNISTON	BURNING	3	7		BURNING		1	9	BURNING	1	2	17
LETTERKENNY	BURNING		1	10	BURNING			6	BURNING			6
PUEBLO	DETONATION			3	WASHOUT		8	9	WASHOUT		8	9
RED RIVER	BURNING		1	8	WASHOUT	1	5	10	WASHOUT	1	5	10
TOOELE	DETONATION			8	BURNING		4		BURNING		4	
FORT WINGATE	DETONATION			2	NO WORKLOAD[2]	--	--	---	NO WORKLOAD	--	--	---
SAVANNA	BURNING			4	BURNING			4	BURNING			4
SIERRA	FURNACE		2		DETONATION		1	6	DETONATION		1	6
UMATILLA	FURNACE		5	10	NO WORKLOAD[2]	--	--	---	NO WORKLOAD	--	--	---
NAVAJO	WASHOUT			10	WASHOUT			15	WASHOUT			15
SENECA	BURNING			8	NO WORKLOAD[2]	--	--	---	NO WORKLOAD	--	--	---
LEX-BLUGRASS	DETONATION	1	6		WASHOUT	1	4	14	WASHOUT	1	4	14
CRANE	WASHOUT	8	4		BURNING	7	2	15	BURNING	5		
EARLE	BURNING		2		FURNACE		2	6	FURNACE		2	6
HAWHTORNE	WASHOUT	6	1		WASHOUT	3	8		WASHOUT	3	8	
McALESTER	WASHOUT	5	4		BURNING	1	4	6	BURNING	1	4	6
SEAL BEACH	DETONATION		1	10	BURNING	1	6	13	BURNING	1	6	13
YORKTOWN	DETONATION		4	10	BURNING		6	13	BURNING		6	13
KEYPORT	BURNING		2	7	FURNACE	2	7	7	FURNACE	2	7	7
CHARLESTON[3]	N/A				BURNING	1	4	11	BURNING	1	4	11

[1]DEMIL CAPABILITIES WERE BASED ON A 1-8-5 SHIFT RATE WITH 252 DAYS IN A YEAR
[2]"NO WORKLOAD" MEANS THE INVENTORY WAS SHIPPED OUT FOR DEMIL/DISPOSAL
[3]INVENTORY AT CHARLESTON WAS NOT CONSIDERED. DEMIL/DISPOSAL OCCURS AT CHARLESTON BECAUSE OF ITS COMPETITIVE DEMIL PROCESSING COST

JOINT CONVENTIONAL AMMUNITION PROGRAM
COORDINATING GROUP

REPLY TO
ATTENTION OF: Rock Island Arsenal, IL 61299

JCAP-EX 8 March 1978

SUBJECT: Economic Analysis for Demilitarization and Disposal

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2. For further information regarding the model contact the Director, Joint Conventional Ammunition Program Decision Models Directorate, Rock Island Arsenal, IL 61299, AUTOVON 793-5262/6538.

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ECONOMIC ANALYSIS FOR DEMILITARIZATION AND DISPOSAL

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