

Design Analysis Cover Sheet

Complete only applicable items.

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QA: L

Page: 1 Of: 139

2. DESIGN ANALYSIS TITLE Classification of the Preliminary MGDS Repository Design			
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	Printed Name	Signature	Date
7. Originator	Loren C. Miller	<i>Loren C Miller</i>	10/03/97
8. Checker	Richard P. Morissette	<i>Richard P Morissette</i>	10/03/97
9. Lead Design Engineer	Dealis W. Gwyn	<i>Dealis W Gwyn</i>	10/3/97
10. Department Manager	Peter S. Hastings	<i>Peter S Hastings</i>	6 Oct 97
11. REMARKS <p>This analysis is based on preliminary design information (including a preliminary set of system descriptions [at the SDD level] and a preliminary MGDS Design Architecture, both of which are subject to formal TBV-228) and engineering judgement (in advance of complete DBE analyses) used to determine SSC classifications. This analysis may be used to help determine whether discrete SSCs are subject to QA control, contingent upon the TBV discussed above, but this analysis is not suitable to support LA design. This analysis will be revised or superseded prior to use for this purpose (see discussion within).</p> <p style="text-align: center;"><i>PSH</i> 6 Oct 97</p> <p style="text-align: right; font-size: 2em; opacity: 0.5;">INFORMATION ONLY</p>			

Design Analysis Revision Record

Complete only applicable items.

1.

2. DESIGN ANALYSIS TITLE	
Classification of the Preliminary MGDS Repository Design	
3. DOCUMENT IDENTIFIER (Including Rev. No.)	
B00000000-01717-0200-00134 Rev 00	
4. Revision No.	5. Description of Revision
00	Initial Issue

1.0 PURPOSE

The purpose of this analysis is to determine whether the Mined Geologic Disposal System (MGDS), as defined by the MGDS Architecture and the Systems Description Documents (SDD) summaries, has quality-affecting items, and if so, to establish the appropriate Quality Assurance (QA) classification(s) for those items. This analysis serves as the basis for the revision to the Yucca Mountain Project Q-List. This proposed revision will align the Q-List with the current MGDS Architecture and provide classification requirements and guidance to M&O MGDS Design. This document, or the discrete classification analyses for each structure, systems and components (SSC) that replace this document, will provide inputs to the design bases for those SSCs in order to identify the administrative, design, and/or operational features required to meet radiological safety or waste isolation functions (to be confirmed or verified through design analysis and/or testing).

2.0 QUALITY ASSURANCE

In accordance with procedures QAP-2-0, "Conduct of Activities", and NLP-3-18, "Documentation of QA Classification/Controls on Drawings, Specifications, Design Analyses, and Technical Documents," the QA Program applies to this analysis since this analysis determines whether the MGDS and its elements are quality-affecting items. This analysis will establish the appropriate QA classification(s) of the MGDS structures, systems, and components. QAP-2-3, "Classification of Permanent Items", is used for this analysis.

3.0 METHOD

3.1 Methodology

This analysis applies functional evaluation and engineering judgement as needed for SSC classification using bounding evaluation criteria developed in a checklist designed to address functional requirements for each classification category listed below.

The following classification categories are being used in the Q-List and supporting classification analyses as defined in QAP-2-3 to meet the requirements of Section 2 of the Quality Assurance Requirements and Description (QARD) (Reference 5.13).

- Classification 1 - Important to radiological safety (QA-1)
- Classification 2 - Important to waste isolation (QA-2)
- Classification 3 - Important to site-generated radioactive waste control (QA-3)
- Classification 4 - Important to fire protection (QA-4)
- Classification 5 - Important to potential interaction (QA-5)
- Classification 6 - Important to physical protection of facility and materials (QA-6)
- Classification 7 - Important to occupational radiological exposure (QA-7)

This classification evaluation was performed using the evaluation criteria checklists in procedure QAP-2-3, "Classification of Permanent Items" (Reference 5.1) as a guideline only. Owing to the preliminary nature of many details of the current design, and of the definition of design-basis events, the current criteria in QAP-2-3 checklists are more specific than is needed to perform this fundamental rewrite of the Q-List. The criteria used in this analysis were derived from review of the QAP-2-3 checklists and revised to answer functional requirements of the specific MGDS SSCs. QAP-3-9, "Design Analysis," is used for establishing format, content, and review criteria.

Preliminary functions of the SSCs are evaluated using SDD summaries (Attachment V), the Advanced Conceptual Design (ACD) report (Reference 5.9), the Preliminary Hazards Report (Reference 5.6), and the Controlled Design Assumptions Document (CDA) (Reference 5.7), and engineering expertise and judgement. Credibility of the judgement is enhanced through multi-discipline design review of this analysis. The structure of the SSCs is based on the MGDS Architecture which was established in May 1997 (Reference 5.8). In the absence of specific SSC functional descriptions, conservative judgement is used to respond to QA-1/QA-2 questions. The functions evaluated by this analysis are identified as global **TBV-228** and will be verified at a later time by a formal functional analysis facilitated by M&O Systems Engineering Requirements and Integration/Configuration Management. Upon development of more complete and mature MGDS SSC designs, QAP-2-3 classification analyses will be completed as necessary using more quantitative input. These detail classification analyses will be incorporated into the YMP Q-List as they are completed.

The current MGDS Architecture used for this analysis contains separate SSCs for both developmental items and operations items which in some cases may be the same SSCs. This analysis may sometimes classify the developmental item as non-Q but classify the operations items as QA-1 or QA-2. It is advised that the user of this analysis identify the end use for these specific SSCs for design and engineering purposes and implement as appropriate.

3.2 Basis for Selection

The use of classification analysis as defined in QAP-2-3 has been applied mainly to the Exploratory Studies Facility (ESF) items which will be incorporated into the MGDS repository, if constructed. As the MGDS design matures, QAP-2-3 classification analyses will replace the "functional analysis/engineering judgement" process used in this analysis.

The analysis approach relies on the evaluation of the SSC functions defined in this analysis document and is being performed at the functional level until detailed design definition is available. The basis for selecting this methodology rather than a more quantitative (i.e., deterministic or probabilistic) approach is to maintain design flexibility during the current design phase and development of the SDDs.

This classification method evaluates an item's functions against the criteria listed in a modified checklist developed from the attachments in QAP-2-3 as allowed by Section 5.1.3.C in the procedure. If none of the criteria listed in the modified checklist are satisfied, the item is classified non-Q. If any criteria are satisfied, the item is classified Q for this phase of the design. As allowed in YAP-2.7Q, this method is based on an iterative design-classification process where each analysis iteration is considered a final product for that phase of design. In this case, a functionally-based design description using the best available design information is being evaluated to determine which SSCs require design control under the QA program in the next design iteration. This analysis, therefore, will be reevaluated as necessary for each design iteration using a methodology appropriate to the level of design detail (e.g., to establish design criteria base on DBE results). This approach is consistent with NUREG-1318 (Reference 5.5), which allows engineering judgement and conservative bounding assumptions to be used in cases where data are limited.

4.0 DESIGN INPUTS

4.1 Design Parameters

Specific engineering parameters are not available. Functional descriptions for each SDD and associated SSCs that are classified are provided in Attachment V (Reference 5.14). High-level functions are defined in the Repository Design Requirements Document (Reference 5.3).

4.2 Criteria

- 4.2.1 The criteria for classification of permanent items are directly derived from the Quality Assurance Requirements and Descriptions document (QARD) (Reference 5.13).

4.3 Assumptions

- 4.3.1 Attachment IV lists the rationale assumed in the classification analysis. The rationale listed in this section is based on a review of source documentation, assumed functional interfaces, and operational/functional analysis. The assumed functions are based on best available information as documented herein and, as such, form the basis for this analysis.
- 4.3.2 It is assumed that the consequential "failure of an item" to perform a Q function may result in a dose, on or beyond the nearest unrestricted site boundary, of greater than the 10CFR60 limits for whole body or any organ if the failed item provides important to radiological safety (QA-1) prevention or mitigation functions. This assumption is conservatively predicated on the basis that detailed design information needed for evaluation of system failures and resultant potential releases of radionuclides is not available.
- 4.3.3 The basis for the MGDS design is the MGDS Systems Description Documents (SDD) summaries (Reference 5.14), the MGDS Architecture (Reference 5.8), and the CDA (Reference 5.7). These documents have established an architecture that may vary from the current project technical baseline documents, (e.g., MGDS-RD, RDRD, EBDRD) but is used for establishing structure for this analysis. The MGDS Architecture used for this analysis is preliminary as indicated by the TBV notations for Reference 5.8 and is subject to future enhancements. As the MGDS Architecture matures (which will, in part, be based on QA classification analyses of SSCs) additional revisions to the Q-List will be required.
- 4.3.4 Unless otherwise stated in the body of the analysis, it is assumed throughout this evaluation that "failure of an item" is the deterministic failure of the item (i.e., independent of any initiating event) to meet its intended function (based on establishment of a conservative design basis).

- 4.3.5 The structures, systems, and components that are evaluated herein use potential design basis events as described in the Preliminary MGDS Hazards Analysis (Reference 5.6), as appropriate. The Preliminary MGDS Hazards Analysis was generated to identify potential design basis events which will be evaluated in future formal Design Basis Event Scenario analyses.
- 4.3.6 It is assumed that administrative, design, and operational control features are applied to the elements of this analysis (and associated activities) that serve to mitigate any potential impact to the capability of the engineered or natural barriers to contain and isolate waste. The basis is established by the expectation that these features will be incorporated into the design basis of the repository.
- 4.3.7 The Natural Barriers are not evaluated within this analysis. It is recognized that the existing analyses already referenced in the Q-List (Reference 5.4) are still valid.
- 4.3.8 The Mined Geological Disposal System (MGDS) classification checklists (Reference 5.1) contain the evaluation criteria for which QA classifications are developed. The basis for the modified checklist used to perform this functional based analysis (Attachment III) are formed from these criteria.
- 4.3.9 Attachment IV includes design information obtained from source documentation (i.e., References 5.3, 5.4, 5.6, 5.7, 5.8, 5.9, and 5.14 [Attachment V]) which was used as a basis in this SSC functional evaluation as appropriate.
- 4.4 Codes and Standards
- 4.4.1 Code of Federal Regulations, 10 CFR 60, "Disposal of High Level Radioactive Waste in Geologic Repositories," 1997 Edition.

5.0 REFERENCES

- 5.1 QAP-2-3, "Classification of Permanent Items," Rev 08, June 16, 1997.
- 5.2 QAP-3-9, "Design Analysis," Rev 07, June 2, 1997.
- 5.3 "Repository Design Requirements Document," YMP/CM-0023, Rev 0, ICN-I, September 13, 1994.

- 5.4 "Q-List," YMP/90-55Q, Rev 4, February 20, 1997
- 5.5 NUREG-1318, "Technical Position on Items and Activities in the High-Level Waste Geologic Repository Program Subject to Quality Assurance Requirements," April 1988.
- 5.6 "Preliminary MGDS Hazards Analysis", Document No. B00000000-01717-0200-00130 Rev 00, September 4, 1996.
- 5.7 Controlled Design Assumptions Document, Document No. B00000000-01717-4600-00032, Rev 04, ICN 2, August 22, 1997.
- 5.8 Mined Geologic Disposal System Architecture, Rev. 00B. (See Attachment II) **TBV-228**
- 5.9 Mined Geologic Disposal System Advanced Conceptual Design Report, B00000000-01717-5705-00027 Rev 00.
- 5.10 QAP-2-0, "Conduct of Activities," Rev 04, June 16, 1997.
- 5.11 NLP-3-18, "Documentation of QA Classification/controls on Drawings, Specifications, Design Analyses, and Technical Document," Rev 04, December 13, 1995.
- 5.12 YAP-2.7Q, "Item Classification and Maintenance of the Q-List," Rev 00, ICN 1, April 03, 1996.
- 5.13 "Quality Assurance Requirements and Description," DOE/RW/0333P, Rev 07, June 2, 1997.
- 5.14 M&O Interoffice Correspondence LV.RIC.KRH.02/97-011, dated February 21, 1997, Subject: "Distribution of the MGDS SDD Identification List and Draft Summaries", Including Enclosures (1) MGDS Description Document, (2) System Description Document. (Attached as Attachment V) **TBV-228**

6.0 USE OF COMPUTER SOFTWARE

Not applicable; no analytical computer programs are applicable to the derivation of the contents or results of this document.

7.0 DESIGN ANALYSIS

The analysis is performed for the MGDS Repository Design (refer to Section 3.0) by a functional evaluation of the Architecture included in Attachment II as defined in reference 5.8. The following paragraph defines the MGDS Repository Design as evaluated in this analysis.

Attachment II shows the MGDS architecture composed of three subsystems: Subsurface SSCs, Surface SSCs, and Waste Package SSCs. The Waste Package Subsystem is being evaluated as a separate subsystem although the SDD structure includes it as a part of the Subsurface SDD for Engineered Barrier Systems. Each of these elements are evaluated separately and these evaluations are included in Attachment IV.

Attachment V, and to a lesser extent Attachment II, provides a brief description of the SSCs evaluated. Attachment IV presents the functional classification analyses for the SSCs, where each classification criterion is evaluated against the item's functional requirements. The general criteria used for evaluating the classifications 1 through 7 based on SSC functions are provided below. Attachment III further specifies the parameters of the checklist used for this analysis. Section 8.0 summarizes the results of this classification analysis and provides a tabulated format of the results from the classification analyses results in Attachments IV.

For Classification 1 - Each SSC is evaluated strictly against the criteria in the Attachment IV checklist for QA-1, Important to Radiological Safety. The QA-1 criteria for each SSC are evaluated by answering the three questions which ask 1) is the SSC required to provide reasonable assurance the high-level waste can be received, handled, packaged, stored, emplaced, and retrieved without exceeding the federal limits; 2) is the SSC required to prevent, mitigate, or monitor a Design Basis Event; or 3) if the direct failure of the SSC would result in a Design Basis Event. If the answer is "Yes" for any of these three questions, the SSC is designated as QA-1.

For Classification 2 - Each SSC is evaluated strictly against the criteria in the Attachment IV checklist for QA-2, Important to Waste Isolation. The QA-2 criteria for each SSC are evaluated by answering the two questions which ask 1) does the SSC perform a waste isolation function by forming part of the natural or engineered barriers; or 2) can direct failure of the SSC significantly affect the hydrological, geochemical, or geomechanical characteristics of the natural or engineered barriers which may prevent them from performing their waste isolation. If the answer is "Yes" for either of these two questions, the SSC is designated as QA-2.

For Classification 3 - Each SSC is evaluated specifically against the criterion in the Attachment IV checklist for QA-3, Important to Radioactive Waste Control. The QA-3 criterion for each SSC is evaluated by answering the question of whether the SSC's function is to collect, contain, and/or monitor site-generated radioactive waste. The high-level waste being accepted for emplacement at the repository is not to be considered as site-generated waste. If the answer to this question is "Yes", the SSC is designated as QA-3.

For Classification 4 - Each SSC is evaluated specifically against the criterion in the Attachment IV checklist for QA-4, Important to Fire Protection. The QA-4 criterion for each SSC is evaluated by answering the question of whether the SSCs function is to protect any QA-1 or QA-2 SSCs from the effects of fire. If the answer to this question is "Yes", the SSC is designated as QA-4.

For Classification 5 - Each SSC is evaluated specifically against the criterion in the Attachment IV checklist for QA-5, Important to potential Interaction. The QA-5 criterion for each SSC is evaluated by answering the question of whether the failure of the SSC during a Design Basis Event could impair the capability of any QA-1 or QA-2 SSCs from performing their specific radiological safety or waste isolation function, respectively. This question must be answered specifically such that it is not confused with the conclusion of a Classification 1 (QA-1) evaluation. Generally, this classification will be associated with an SSC which is not classified as a QA-1 or QA-2 SSC, but could interact with one. However, if the QA-1 classification does not cover a specific interaction, a QA-1 SSC could also be classified as QA-5. If the answer to this question is "Yes", the SSC is designated as QA-5.

For Classification 6 - Each SSC is evaluated specifically against the criteria in the Attachment IV checklist for QA-6, Important to Physical Protection of Facility and Materials. The QA-6 criteria for each SSC are evaluated by answering the questions of whether 1) the SSCs function is to provide detection or alarm of unauthorized intrusion or explosive materials in the restricted area or 2) is required for special nuclear material accountability. If the answer is "Yes" for either of these two questions, the SSC is designated as QA-6.

For Classification 7 - Each SSC is evaluated specifically against the criteria in the Attachment IV checklist for QA-7, Important to Occupational Radiological Exposure. The QA-7 criteria for each SSC are evaluated by answering the questions of whether 1) the SSCs function is to provide personnel radiation shielding, reduce dose rates in radioactive areas requiring personnel access, or require personnel access into radiation

areas for operations or maintenance, or 2) the SSC is a permanently installed radiation monitor for personnel radiation protection. If the answer is "Yes" for either of these two questions, the SSC is designated as QA-7.

8.0 CONCLUSIONS

8.1 QA Applicability

The QA Program, as defined in Section 2.0, applies to any item classified as Q. Based on this analysis, Table 8.2-1 identifies the MGDS Repository Design SSCs determined to be QA-1 through QA-7 or non-Q. The bases for the Table 8.2-1 are provided in Attachment IV.

8.2 QA Classification

Table 8.2-1 summarizes the specific classification results of this analysis for the MGDS Repository Design SSCs as defined by the MGDS architecture (Reference 5.8). Impacts from TBV closures will be addressed in future revisions to this analysis or the completion of formal QAP-2-3 classification analyses.

8.3 Summary Basis/Classification Rationale

The summaries and rationales for each MGDS Repository Design SSC are included in Attachment IV.

8.4 Comparison of results with previous Q-List revisions

Table 8.4-1 reviews and compares the results of this Classification Analysis to previous Q-List results. The current SSC functional/engineering judgement results (for QA-1 or QA-2 classification of SSCs) are in the column "QA-1/QA-2." The previous Q-List results are shown in column "Quest.-8." The previous "Direct Inclusion" of items to the Q-List is superseded by this analysis. The Q-List will be revised to reflect conclusions of this analysis.

8.5 Future QA Classifications of MGDS SSCs

This analysis is to be considered the initial classification of the current MGDS Repository Architecture SSCs. Formal QAP-2-3 analyses will be completed as the

design matures and progresses. As the QAP-2-3 analyses are performed, this analysis will be revised as necessary and the appropriate sections superseded. Results of this analysis and future QAP-2-3 classifications will be captured in the YMP Q-List. The checklists performed for this evaluation are held in an Access Database which will be recommended to become the official Q-List for the project. This Q-List database will also incorporate results from other classification analyses as well as the analyses for the natural barriers.

9.0 ATTACHMENTS

Attachment I	List of Acronyms
Attachment II	MGDS Architecture - SDD/SSC Identification List, Rev 00B
Attachment III	Functional Analysis of SSCs (Questions Only)
Attachment IV	Functional Analysis of SSCs (For Each SSC)
Attachment V	M&O Interoffice Correspondence LV.RIC.KRH.02/97-011, dated February 21, 1997, Subject: "Distribution of the MGDS SDD Identification List and Draft Summaries", Including Enclosures (1) MGDS Description Document, (2) System Description Document

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
SS01	Subsurface Facility System												
	Development System												
	Development Accesses												
	Ramp												
				Internal Ramps		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development System												
	Development Accesses												
	Ramp												
				Main Ramp		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development System												
	Development Accesses												
	Ramp												
				Portal		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development System												
	Development Accesses												
	Shaft												
				Emergency Hoist System		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development System												
	Development Accesses												
	Shaft												
				Hoist System		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development System												
	Development Accesses												
	Shaft												
				Shaft Structure		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Development System												
	Development System	Development Accesses											
	Development System	Shaft											
	Development System	Shaft Yard Facilities				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development System	Development Support System											
	Development System	Personnel & Materials Transport											
	Development System	Muck Handling System				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development System	Development Support System											
	Development System	Personnel & Materials Transport											
	Development System	Service Equipment				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development System	Development Support System											
	Development System	Personnel & Materials Transport											
	Development System	Specialty Equipment				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development System	Development Support System											
	Development System	Personnel & Materials Transport											
	Development System	Trackless Equipment				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development System	Development Support System											
	Development System	Subsurface Excavation System											
	Development System	Emplacement Areas				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development System	Development Support System											
	Development System	Subsurface Excavation System											
	Development System	Miscellaneous Cutouts				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System

Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q-1-1	Q-1-2	Q-1-3	Q-1-4	Q-1-5	Q-1-6	Q-1-7	Non-Q
	Development System												
	Development Support System												
	Subsurface Excavation System												
	Ramps					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development System												
	Development Support System												
	Subsurface Excavation System												
	Shafts					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development System												
	Development Support System												
	Subsurface Excavation System												
	Ventilation Raises					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development System												
	Development Support System												
	Support Openings												
	Cutouts					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development System												
	Development Support System												
	Support Openings												
	Equipment Storage					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development System												
	Development Support System												
	Support Openings												
	Subsurface Shops Warehouse					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations System												
	Operations Accesses												
	Operations Ramps												
	Internal Ramps					<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	Operations System												
	Operations Accesses												
	Operations Ramps												
	Main Ramp					<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations System												
	Operations Accesses												
	Operations Ramps												
	Portal					<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations System												
	Operations Accesses												
	Operations Shafts												
	Hoist System					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations System												
	Operations Accesses												
	Operations Shafts												
	Shaft Structure					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations System												
	Operations Accesses												
	Operations Shafts												
	Shaft Yard Facilities					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations System												
	Underground Facility												
	Emplacement Area												
	Emplacement Drift					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations System												
	Underground Facility												
	Emplacement Area												
	Perimeter Mains					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Operations System												
	Underground Facility												
	Support Areas												
					Performance Confirmation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations System												
	Underground Facility												
	Support Areas				Support Openings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations System												
	Underground Facility												
	Support Areas				Ventilation Openings	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SS02	Engineered Barrier System												
	Engineered Barrier System												
	N/A												
						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SS03	Ground Control System												
	Accesses												
	N/A												
	Emplacement Area												
	N/A												
						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Performance Confirmation Openings	N/A		N/A						<input checked="" type="checkbox"/>			
	Perimeter Mains	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
	Support Openings & Cutouts	N/A		N/A						<input checked="" type="checkbox"/>			
	Ventilation Openings	N/A		N/A						<input checked="" type="checkbox"/>			
SS05	Subsurface Ventilation System												
	Development Ventilation System												
	Access Ventilation System												
	Ramp				N/A					<input checked="" type="checkbox"/>			
	Development Ventilation System												
	Access Ventilation System												
	Shaft				N/A					<input checked="" type="checkbox"/>			

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Development Ventilation System												
	Emplacement Drift System												
	Drift Excavation												
		N/A				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Ventilation System												
	Emplacement Drift System												
	Raise Excavation												
		N/A				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Ventilation System												
	Emplacement Drift System												
	Turnout Excavation												
		N/A				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Ventilation System												
	Miscellaneous Support Cutout Systems												
	Charging Stations												
		N/A				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Ventilation System												
	Miscellaneous Support Cutout Systems												
	Fueling Bays												
		N/A				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Ventilation System												
	Miscellaneous Support Cutout Systems												
	Pumping Stations												
		N/A				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Ventilation System												
	Miscellaneous Support Cutout Systems												
	Refuge Chambers												
		N/A				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Development Ventilation System												
	Miscellaneous Support Cutout Systems												
	Science Cutouts												
			N/A			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Ventilation System												
	Performance Confirmation System												
			N/A			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Ventilation System												
	Shop Warehouse Area System												
			N/A			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Ventilation System												
	Ventilation Commodities												
	Air Movers					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			N/A										
	Development Ventilation System												
	Ventilation Commodities												
	Control Devices					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			N/A										
	Development Ventilation System												
	Ventilation Commodities												
	Dust Fume Control					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			N/A										
	Development Ventilation System												
	Ventilation Commodities												
	Heating/Cooling					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			N/A										

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Development Ventilation System	Ventilation Commodities											
		Silencers			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Ventilation System	Ventilation Level System			N/A								
					N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Ventilation System	Access Ventilation System											
		Ramp			N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Ventilation System	Access Ventilation System											
		Shaft			N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Ventilation System	Emplacement Drift System											
		Drift			N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Ventilation System	Emplacement Drift System											
		Ventilation Raise			N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Ventilation System	Miscellaneous Support Cutout Systems											
		Charging Stations			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	Operations Ventilation System	Miscellaneous Support Cutout Systems	Pumping Stations	N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Operations Ventilation System	Miscellaneous Support Cutout Systems	Refuge Chambers	N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Operations Ventilation System	Miscellaneous Support Cutout Systems	Science Cutouts	N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Operations Ventilation System	Performance Confirmation System	N/A	N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Operations Ventilation System	Ventilation Commodities	Air Movers	N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Ventilation System	Ventilation Commodities	Control Devices	N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Ventilation System	Ventilation Commodities	Dust Fume Control	N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Operations Ventilation System												
	Ventilation Commodities												
	Heating/Cooling				N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Operations Ventilation System												
	Ventilation Commodities												
	Silencers				N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Operations Ventilation System												
	Ventilation Level System				N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SS06	Subsurface Electrical Distribution System												
	Development Electrical Distribution												
	4160 V Distribution				N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Electrical Distribution												
	440 V Distribution				N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Electrical Distribution												
	Blasting Circuit				N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Development Electrical Distribution Hoisting Circuit	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Electrical Distribution Lighting System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Electrical Distribution Muck Removal System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Electrical Distribution Support System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Electrical Distribution TBM System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Electrical Distribution Trackless Mining System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Electrical Distribution Ventilation System	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System

Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Operations Electrical Distribution Emergency Response System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Operations Electrical Distribution Pumping Distribution	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Electrical Distribution Subsurface Lighting System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Operations Electrical Distribution Support Systems Distribution	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Electrical Distribution Ventilation System	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Electrical Distribution Waste Emplacement System	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Electrical Distribution Waste Transportation Distribution System	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
SS08	Subsurface Compressed Air System												
	Development Compressed Air System												
	Development Transportation System												
		N A											
				N A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Compressed Air System												
	Excavation Systems												
		N A											
				N A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Compressed Air System												
	Muck Removal System												
		N A											
				N A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Compressed Air System												
	Primary Distribution System												
		N A											
				N A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Compressed Air System												
	Refuge Chamber System												
		N A											
				N A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Compressed Air System												
	Ventilation Control System												
		N A											
				N A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Development Compressed Air System												
	Warehouse Shops System												
	N/A												
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Operations Compressed Air System												
	Emplacement Drift System												
	N/A												
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Compressed Air System												
	Primary Distribution System												
	N/A												
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Operations Compressed Air System												
	Refuge Chamber System												
	N/A												
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Operations Compressed Air System												
	Ventilation Control System												
	N/A												
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Compressed Air System												
	Waste Transportation System												
	N/A												
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SS09 Subsurface Water Distribution System

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	Development Water Distribution												
	Excavation Takeoff System												
	Miscellaneous Excavation System												
	N/A					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Water Distribution												
	Excavation Takeoff System												
	Muck Removal Dust Control System												
	N/A					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Water Distribution												
	Excavation Takeoff System												
	Raise Bore Supply System												
	N/A					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Water Distribution												
	Excavation Takeoff System												
	TBM Supply System												
	N/A					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Water Distribution												
	Fire Suppression System												
	N/A												
	N/A					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Water Distribution												
	Primary Piping, Valving and Controls												
	N/A												
	N/A					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Water Distribution												
	Warehouse Shop Distribution System												
	N/A												
	N/A					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Operations Water Distribution	Fire Suppression	N/A	N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Water Distribution	Support Area Distribution System	N/A	N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Operations Water Distribution	Waste Transportation Distribution System	N/A	N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SS10	Subsurface Safety & Monitoring System												
	Development Safety & Monitoring	Excavation Systems	N/A	N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Safety & Monitoring	Fire Detection	N/A	N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Safety & Monitoring	Fuel Handling System	N/A	N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Development Safety & Monitoring	Ground Control Monitoring	N/A	N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Safety & Monitoring	Personnel Safety	N/A	N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Safety & Monitoring	Radiological Safety & Monitoring	N/A	N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Development Safety & Monitoring	Transportation Safety & Monitoring		Rail System	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Safety & Monitoring	Transportation Safety & Monitoring		Trackless Equipment Systems	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Development Safety & Monitoring	Ventilation Monitoring	N/A	N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Safety & Monitoring	Criticality Monitoring	N/A	N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	Operations Safety & Monitoring	Fire Detection	N/A										
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Safety & Monitoring	Ground Control Monitoring	N/A										
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Safety & Monitoring	Personnel Safety	N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Operations Safety & Monitoring	Radiological Safety & Monitoring	N/A										
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Operations Safety & Monitoring	Transportation Safety	N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Operations Safety & Monitoring	Ventilation Monitoring	N/A										
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SS12 Subsurface Operational Monitoring System

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
		N/A											
			N/A										
				N/A									
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SS14	Performance Confirmation System												
	Borehole Monitoring System												
	Water Table												
			N/A										
				N/A		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Emplacement Drift Monitoring System												
			N/A										
				N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	General Subsurface Performance Confirmation Assessment System												
	Emplaced Materials Monitoring												
			N/A										
				N/A		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	General Subsurface Performance Confirmation Assessment System												
	Geochemical Geomechanical Monitoring												
			N/A										
				N/A		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	General Subsurface Performance Confirmation Assessment System												
	Hydrologic Monitoring												
			N/A										
				N/A		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	General Subsurface Performance Confirmation Assessment System												
	Seal Testing		N/A										
				N/A		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	General Subsurface Performance Confirmation Assessment System												
	Thermomechanical Monitoring		N/A										
				N/A		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	General Subsurface Performance Confirmation System												
	Backfill Testing		N/A										
				N/A		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	General Surface Performance Confirmation System												
	N/A		N/A										
				N/A		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SS16	Subsurface Development Transportation System												
	Control Devices												
			N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Locomotives												
			N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Rail Subsystems for Personnel & Equipment	N/A		N/A									
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Rolling Stock	N/A		N/A									
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SS17	Waste Emplacement System												
	Emplacement Drift System												
	Access Control and Package Transfer Control System	N/A			N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Emplacement Drift System												
	Doors Docking System	N/A			N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Emplacement Maintenance System												
	Drift Inspection Maintenance System	N/A			N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Emplacement Maintenance System												
	Emergency Recovery Equipment System	N/A			N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	QA-1	QA-2	QA-3	QA-4	QA-5	QA-6	QA-7	Non-Q
	Emplacement Maintenance System												
	Repair Equipment System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Emplacement Rail System												
	Rail Control System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Emplacement Rail System												
	Rail, Switches & Hardware												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Emplacement Rail System												
	Rolling Stock												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SS19	Subsurface Closure & Sealing System												
	Backfill Emplacement System												
	Material Emplacement System												
		N/A											
				N/A		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Backfill Emplacement System												
	Material Segregation, Storage and Blending System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5
Q-1-1	Backfill Emplacement System	N.A.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q-1-2	Material Transport System	N.A.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q-1-3	Borehole Sealing System	N.A.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q-1-4	Material Emplacement System	N.A.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Q-1-5	Borehole Sealing System	N.A.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q-1-6	Material Handling System	N.A.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Q-1-7	Composite Material Handling System	N.A.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q-1-8	Material Emplacement System	N.A.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q-1-9	Seal System	N.A.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Q-1-10	Structural Seal Component System	N.A.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Q-1-11	Subsurface Water Collection/Removal	N.A.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Development Water Removal												
	Primary Piping and Routing												
		N/A								<input checked="" type="checkbox"/>			
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Water Removal												
	Primary Sump and Pumping Station												
		N/A								<input checked="" type="checkbox"/>			
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Water Removal												
	Secondary Collection Sumps Pumping												
		N/A								<input checked="" type="checkbox"/>			
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Water Removal												
	Temporary Piping and Routing												
		N/A								<input checked="" type="checkbox"/>			
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Water Removal												
	Piping and Routing												
		N/A				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Operations Water Removal												
	Primary Sump and Pumping Station												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Operations Water Removal												
	Secondary Collection Sumps Pumping												
		N/A				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
SS21	Waste Retrieval System												
	Waste Retrieval Equipment System												
	Emplacement Drift Remediation Equipment												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Waste Retrieval Equipment System												
	Off-Normal Conditions Equipment												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Waste Retrieval Equipment System												
	Retrieval Gantry												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Waste Retrieval Transport Equipment System												
	Rolling Stock												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SS24	Subsurface Emplacement Transportation System												
	Access Rail System												
	Rail Control System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Access Rail System												
	Rail, Switches & Hardware												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Access Rail System												
	Rolling Stock												
		N/A			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Ramp Access System												
	Doors & Access Control												
		N/A			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Waste Transportation Maintenance System												
	Emergency Recovery Equipment System												
		N/A			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Waste Transportation Maintenance System												
	Ramp Main Inspection & Maintenance												
		N/A			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Waste Transportation Maintenance System												
	Repair Equipment System												
		N/A			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SS26	Subsurface Fire Suppression System												
	Development Fire Suppression												
	Access Fire Suppression System												
		N/A			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Development Fire Suppression												
	Excavation Systems Fire Suppression												
	Mechanical Excavation Systems												
	N/A					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Fire Suppression												
	Excavation Systems Fire Suppression												
	Raise Bore Systems												
	N/A					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Fire Suppression												
	Excavation Systems Fire Suppression												
	TBM Systems												
	N/A					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Fire Suppression												
	Fire Detection Systems												
	N/A					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Fire Suppression												
	Mobile Equipment Fire Suppression												
	N/A												
	N/A					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Fire Suppression												
	Muck Removal Fire Suppression												
	N/A												
	N/A					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Fire Suppression												
	Support Openings Fire Suppression												
	N/A												
	N/A					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Development Fire Suppression												
	Ventilation Equipment Fire Suppression	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Development Fire Suppression												
	Warehouse Shop Fire Suppression	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Fire Suppression												
	Access Fire Suppression System	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Fire Suppression												
	Fire Detection Systems	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Fire Suppression												
	Underground Facility Fire Suppression	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Fire Suppression												
	Ventilation Equipment Fire Suppression	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operations Fire Suppression												
	Waste Package Handling Equipment Fire Suppression	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q1-2	Q4-3	Q4-4	Q1-5	Q4-6	Q1-7	Non-Q	
SU01	MGDS Site Layout	N A												
			N A											
				N A										
					N A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SU02	Waste Handling Facility (WHF) System	Communications System												
		Fire Alarm System												
		N A												
				N A			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Communications System												
		Office & Data System												
		N A												
				N A			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		Communications System												
		Phone System												
N A														
		N A			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Communications System														
Public Address Central Alarm System														
N A														
		N A			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Communications System														
Security System														
N A														
		N A			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Facility Decontamination System	N/A		N/A									
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Facility Monitor & Control System	N/A		N/A									
					N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	LLW Liquid Transfer Systems												
	Aqueous LLW Collection System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	LLW Liquid Transfer Systems												
	Liquid Chemical LLW Collection System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	LLW Liquid Transfer Systems												
	Recycled Water Distribution System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Material Accountability System	N/A		N/A									
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Piped Utility Systems												
	Chilled Water Distribution System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Piped Utility Systems												
	Industrial Air Distribution System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Piped Utility Systems												
	Instrument Air Distribution System (as required)	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Piped Utility Systems												
	Potable Water Distribution System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Piped Utility Systems												
	Sewage Collection System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Piped Utility Systems												
	Vacuum System (as required)	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Process Supply Systems												
	Helium Supply System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Process Supply Systems												
	Nitrogen Supply System (as required)	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	Security System	N/A		N/A									
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Solid Waste Collection Systems												
	Hazardous Waste System	N/A											
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Solid Waste Collection Systems												
	Radiological Waste System	N/A				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Solid Waste Collection Systems												
	Sanitary Waste System	N/A				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Waste Handling Building Architectural Features	N/A											
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Waste Handling Building Foundations and Structures	N/A											
					N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SU04	Radiological Waste Treatment Facility System												

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	Communications Systems												
	Fire Alarm Communication System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Communications Systems												
	Office & Data System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Communications Systems												
	Phone System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Communications Systems												
	Public Address Central Alarm System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Communications Systems												
	Security System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Electrical Systems												
	Backup Power Distribution System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Electrical Systems												
	UPS Power System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System

Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Electrical Systems												
	Utility Power Distribution System	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Facility Decontamination System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Facility Monitor & Control System	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Lighting Systems												
	General Lighting System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Lighting Systems												
	Safety Security Lighting System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Lightning Protection System	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Piped Utility Systems												
	Chilled Water Distribution System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Piped Utility Systems												
	Industrial Air Distribution System		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Piped Utility Systems												
	Instrument Air Distribution System (as required)		N/A										
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Piped Utility Systems												
	Potable Water Distribution System		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Piped Utility Systems												
	Secondary Cooling Water System		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Piped Utility Systems												
	Sewage Collection System		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Piped Utility Systems												
	Vacuum System (as required)		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Process Supply Systems												
	Acid Supply System		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Process Supply Systems												
	Caustic Supply System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Process Supply Systems												
	Stabilization Agent Supply System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Safety Systems												
	Fire Detection System	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Safety Systems												
	Fire Suppression System	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Safety Systems												
	Radiological Monitoring System	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Security System												
	N/A	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Solid Waste Collection Systems												
	Hazardous Waste System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Solid Waste Collection Systems												
	Radiological Waste System												
		N/A			N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Solid Waste Collection Systems												
	Sanitary Waste System												
		N/A			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Waste Treatment Building												
		N/A			N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SU05	Carrier Staging Shed (CSS) System												
	Carrier Staging Shed												
		N/A			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Communications Systems												
	Fire Alarm Communications System												
		N/A			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Communications Systems												
	Office & Data System												
		N/A			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	Communications Systems												
	Phone System		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Communications Systems												
	Public Address Central Alarm System		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Communications Systems												
	Security System		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Electrical Systems												
	Backup Power Distribution System		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Electrical Systems												
	UPS Power System		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Electrical Systems												
	Utility Power Distribution System		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Facility Monitoring & Control System												
			N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Lighting Systems												
	General Lighting System		N/A			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Lighting Systems												
	Safety Security Lighting System		N/A			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Lighting Protection System		N/A										
	Non-Nuclear HVAC System												
	Chilled Water Distribution System (as required)		N/A			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Industrial Air Distribution System		N/A			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Instrument Air Distribution System (as required)		N/A			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Piped Utility Systems												
	Potable Water Distribution System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Piped Utility Systems												
	Sewage Collection System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Piped Utility Systems												
	Vacuum System (as required)												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Safety Systems												
	Fire Detection System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Safety Systems												
	Fire Suppression System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Safety Systems												
	Radiological Monitoring System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Security System												
		N/A											
				N/A									
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Solid Waste Collection Systems												
	Hazardous Waste System												
	N/A												
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Solid Waste Collection Systems												
	Radiological Waste System												
	N/A												
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Solid Waste Collection Systems												
	Sanitary Waste System												
	N/A												
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SU08	CSS Material Handling System												
	N/A												
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SU09	Cask/Canister Handling System												
	Assembly Transfer Line Cask Systems												
	Cask Cart System												
	N/A												
					N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Assembly Transfer Line Cask Systems												
	Cask Clean & Purge System												
	N/A												
					N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Assembly Transfer Line Cask Systems	Decontamination System	N/A					<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Assembly Transfer Line Cask Systems	Empty Cask Preparation System	N/A			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Assembly Transfer Line Cask Systems	Empty DPC Packaging System	N/A			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Canister Transfer Line Cask Systems	Cask Cart System	N/A			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Canister Transfer Line Cask Systems	Cask Clean & Purge System	N/A			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Canister Transfer Line Cask Systems	Cask Hoist System	N/A			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Canister Transfer Line Cask Systems	Cask Lid Unbolter System	N/A			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	Canister Transfer Line Cask Systems	Decontamination System	N.A			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Canister Transfer Line Cask Systems	Empty Cask Preparation System		N.A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Carrier Bay Crane System		N.A			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SU10	Uncanistered Waste Transfer System												
	Cask Canister Handling Systems	Cask Lid Removal & Installation System		N.A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Cask Canister Handling Systems	Cask Canister Purge & Fill System		N.A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Cask Canister Handling Systems	DPC Opening System		N.A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Cask Canister Handling Systems												
	Pool Crane System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	DC Assembly Transfer Line Systems												
	DC Cart System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	DC Assembly Transfer Line Systems												
	DC Decontamination System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	DC Assembly Transfer Line Systems												
	DC Inner Lid Weld Inspection System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	DC Assembly Transfer Line Systems												
	DC Inner Lid Weld System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	DC Assembly Transfer Line Systems												
	Waste Transfer Port System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Pool Systems												
	Pool Leak Detection System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	Pool Systems												
	Pool Waste Removal System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Pool Systems												
	Pool Water Supply & Treatment System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	SFA Dry Transfer Systems												
	SFA Dry Transfer Crane System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	SFA Dry Transfer Systems												
	SFA Drying Chamber System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	SFA Pool Transfer												
	SFA Conveyor System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	SFA Pool Transfer												
	SFA Pool Lag Storage System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	SFA Pool Transfer												
	SFA Pool Transfer Crane System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q-1-1	Q-1-2	Q-1-3	Q-1-4	Q-1-5	Q-1-6	Q-1-7	Non-Q	
SU11	Canister Waste Transfer System	Canister Lag Storage System	N/A											
				N/A										
					N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		DC Canister Transfer Line Systems												
		DC Cart System												
					N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		DC Canister Transfer Line Systems												
	Waste Transfer Port System													
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Large Canister Crane System													
				N/A										
					N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Small Canister Hoist System													
				N/A										
					N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
SU12	Waste Package (WP) Remediation System	DC Crane System												
				N/A										
					N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	DC Non-Destructive Examination System	N/A				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DC Welding System	N/A				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DC Canister Opening System	N/A				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DC Canister Opening System	N/A				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Decontamination System	N/A				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Filler Material Addition System (as required)	N/A				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Sampling System	N/A				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DC Non-Destructive Examination System	N/A				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Disposal Container (DC) Handling System													
SU13						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	DC Emplacement Preparation Systems												
	DC Horizontalizer System												
		N A											
				N A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DC Emplacement Preparation Systems												
	DC Transfer Gantry System												
		N A											
				N A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DC Emplacement Preparation Systems												
	Final DC Decontamination												
		N A											
				N A		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	DC Emplacement Preparation Systems												
	Transporter Loading System												
		N A											
				N A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DC Storage and Handling Systems												
	DC Staging System												
		N A											
				N A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DC Storage and Handling Systems												
	DC Storage Crane System												
		N A											
				N A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DC Storage and Handling Systems												
	DC Storage Transfer Cart System												
		N A											
				N A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	DC Welding Inspection Systems												
	DC Inner Lid Weld Inspection System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DC Welding Inspection Systems												
	DC Inner Lid Weld System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DC Welding Inspection Systems												
	DC Outer Lid Weld Inspection System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DC Welding Inspection Systems												
	DC Outer Lid Weld System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Empty DC Receiving System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SU16	Carrier/Cask Transport System												
	Carrier Cask Transportation Systems												
	Carrier Cask Rail System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	Carrier Cask Transportation Systems												
	Carrier Cask Road System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Carrier Cask Transportation Systems												
	On-Site Prime Mover System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Carrier Cask Transportation Systems												
	Shipment Inspection System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Transporter Maintenance Building												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Transporter Maintenance Systems												
	Battery Charging System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Transporter Maintenance Systems												
	Decontamination System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Transporter Maintenance Systems												
	Electromechanical Equipment Maintenance System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Transporter Maintenance Systems												
	Oily Water Separation System												
		N/A											
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Transporter Maintenance Systems												
	Transporter Maintenance Facility System												
		N/A											
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Transporter Maintenance Systems												
	Transporter Service System												
		N/A											
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SU17	Off-Site Rail and Road Systems												
	General Offsite Transportation												
		N/A											
					N/A								
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Nevada Rail Subsystem												
		N/A											
					N/A								
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Nevada Road Subsystem												
		N/A											
					N/A								
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Transportation Support Depots and Facilities	N/A		N/A									
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SU18	Waste Handling Facility Electrical System												
	Electrical Power Systems												
	Backup Electrical Power Distribution System	N/A											
						<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Electrical Power Systems												
	Electrical Power Distribution System	N/A											
						<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Electrical Power Systems												
	UPS System	N/A											
						<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Lighting Systems												
	Emergency Lighting System	N/A											
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Lighting Systems												
	General Lighting System	N/A											
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Lighting Systems												
	In-Cell Lighting System												
		N A											
					N A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Lightning Protection System												
		N A											
					N A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SU22	Waste Handling Facility (WHF) Ventilation System												
	Non-Nuclear HVAC Systems												
		N A											
					N A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Nuclear HVAC Systems												
	Primary Confinement System												
		N A											
					N A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Nuclear HVAC Systems												
	Secondary Confinement System												
		N A											
					N A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Nuclear HVAC Systems												
	Tertiary Confinement System												
		N A											
					N A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SU24	Radiological Waste Treatment Facility Ventilation System												

Civilian Radioactive Waste Management System

Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	Non-Nuclear HVAC Systems	N/A		N/A									
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Nuclear HVAC Systems	N/A		N/A									
					N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SU29	Waste Handling Facility Radiological Monitoring System												
	Exhaust Stack Monitor System	N/A		N/A									
					N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Operations Area Monitor Systems												
	Continuous Air Monitors	N/A											
					N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Operations Area Monitor Systems												
	General Area Monitors	N/A											
					N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Process Monitor System	N/A											
					N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SU33	Waste Handling Facility Fire Protection System												

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Fire Detection System	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fire Suppression Systems	Chemical System (as required)		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fire Suppression Systems	Deluge System (as required)		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Fire Suppression Systems	Sprinkler System		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SU37	Site-Generated Radioactive Waste Handling System												
	Aqueous LLW Processing Systems	Evaporation System		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Aqueous LLW Processing Systems	Ion Exchange System		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Aqueous LLW Processing Systems												
	Recycle Water System												
		N/A			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Aqueous LLW Processing Systems												
	Waste Collection System												
		N/A			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Chemical LLW Processing Systems												
	Packaging System (Chemical LLW Processing Systems)												
		N/A			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Chemical LLW Processing Systems												
	pH Adjustment System												
		N/A			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Chemical LLW Processing Systems												
	Waste Collection System												
		N/A			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Solid LLW Processing Systems												
	Compaction System												
		N/A			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Solid LLW Processing Systems												
	Packaging System												
		N/A			N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	Solid LLW Processing Systems												
	Resin Slurry Dewatering System												
	N/A												
					N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Solid LLW Processing Systems												
	Waste Reduction & Disassembly System												
	N/A												
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Solid LLW Processing Systems												
	Waste Sorting System												
	N/A												
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SU40	Emergency Response System												
	Emergency Response System												
	N/A												
					N/A								
	Emergency Response System					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	N/A												
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Medical Facility												
	N/A												
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SU41	Health Safety System												

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Health Monitoring & Records System	N/A		N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Health Physics Laboratory System	N/A		N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Instrumentation & Data System	N/A		N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Occupational Safety & Health	N/A		N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SU42	Site Communications System												
	General Site Communications Systems												
	Fire & Emergency Response Communication	N/A		N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	General Site Communications Systems												
	Office & Data System	N/A		N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	General Site Communications Systems	Phone System	N/A	N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	General Site Communications Systems	Public Address & Central Alarm System	N/A	N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	General Site Communications Systems	Security Communications System	N/A	N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Microwave Systems	Earth Station System	N/A	N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Microwave Systems	Portable Mobile System	N/A	N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SU43	Site Water System	Flood Control System	N/A	N/A		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	Site Water Systems												
	Chilled Water System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Site Water Systems												
	Cooling Water System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Site Water Systems												
	Fire Water Distribution System	N/A		N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Site Water Systems												
	Potable Water System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Site Water Systems												
	Well Water System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Utility Building System	N/A		N/A									
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SU44	Site Electrical Power System												

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Site Lighting System												
	General Lighting System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Site Lighting Systems												
	Safety Security System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Standby Power System												
	Generator Fuel Supply System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Standby Power System												
	Standby Power Distribution System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Standby Power System												
	Standby Power Generator System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Substation												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Switchgear Building												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Utility Power Distribution System	N/A		N/A						<input checked="" type="checkbox"/>			
SU45	Site Compressed Air System												
	Air Compression System	N/A		N/A		<input checked="" type="checkbox"/>							
	Industrial Air Distribution System	N/A		N/A									<input checked="" type="checkbox"/>
	Instrument Air Distribution System	N/A		N/A		<input checked="" type="checkbox"/>							
SU47	Site Generated Hazardous & Non-Hazardous Waste Disposal Systems												
	Hazardous Waste Collection System	N/A		N/A									<input checked="" type="checkbox"/>
	Sanitary Solid Waste Collection System	N/A		N/A									<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	Sanitary Waste Treatment System	N/A		N/A									
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Subsurface Waste Water Collection System	N/A		N/A									
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SU48	Security & Safeguards System												
	Safeguards Material Control and Accountability	N/A		N/A									
					N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Security Badging & Records System	N/A		N/A									
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Security Barrier System												
	Material Access Area Barrier System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Security Barrier System												
	North Portal Support Area Barrier System	N/A		N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	Security Barrier System												
	Radiological Control Area Barrier System		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Security Barrier System												
	Site Perimeter System		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Security Facilities												
	Station 1		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Security Facilities												
	Station 2		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Security Facilities												
	Station 3		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Security Surveillance Systems												
	Automated Surveillance System		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Security Surveillance Systems												
	Patrol System		N/A										
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Security Surveillance Systems												
	Survey Instrument System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SU49	Surface Environmental Monitoring System												
	Data Acquisition System												
		N/A											
				N/A									
	Laboratory Facility System					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Meteorological Monitoring System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Sample Collection System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Seismic Monitoring System												
		N/A											
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SU50	Administration System												

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	Administration System Facilities												
	Administration Building												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Administration System Facilities												
	Mock-Up Building												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Administration System Facilities												
	Visitors Center												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Administration Systems												
	Engineering System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Administration Systems												
	Office Services and Records System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Administration Systems												
	Operations Management & Planning Computer System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Administration Systems												
	Training System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	Administration Systems												
	Transportation Dispatch Computer System												
		N A											
				N A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SU51	Maintenance & Supply System												
	Maintenance & Supply System Facilities												
	Central Shops												
		N A											
				N A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Maintenance & Supply System Facilities												
	Central Warehouse												
		N A											
				N A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Maintenance & Supply System Facilities												
	DC Receiving Shed												
		N A											
				N A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Maintenance & Supply Systems												
	Empty DC Supply System												
		N A											
				N A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Maintenance & Supply Systems												
	Equipment Storage & Retrieval System												
		N A											
				N A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	Maintenance & Supply Systems												
	Inventory Planning & Management System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Maintenance & Supply Systems												
	Maintenance Planning & Management System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Maintenance & Supply Systems												
	Repair System												
		N/A											
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SUS2	Central Command & Control Operations System												
	Central Computer System												
		N/A											
				N/A									
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Operator Station System												
		N/A											
				N/A									
				N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SUS3	Offsite Utilities System												
	Offsite Utilities												
		N/A											
				N/A									
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
SU54	General Site Transportation System												
	Development Transportation System												
		N/A		N/A									<input checked="" type="checkbox"/>
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	General Site Transportation Systems												
	Fuel Supply System												
		N/A								<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	General Site Transportation Systems												
	General Rail System												
		N/A								<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	General Site Transportation Systems												
	General Road System												
		N/A								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	General Site Transportation Systems												
	Vehicle Repair System												
		N/A								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Motor Pool & Facility Service Station												
		N/A											<input checked="" type="checkbox"/>
					N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
WP01	Unregistered SNF Disposal Containers												

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	12 Pressurized Water Reactor Disposal Container, with Absorber Plates, South Texas Fuel Basket		NA										
				NA		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	12 Pressurized Water Reactor Disposal Container, with Absorber Plates, South Texas Fuel Associated Filler and Criticality Control Materials (if needed)		NA										
				NA		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	12 Pressurized Water Reactor Disposal Container, with Absorber Plates, South Texas Fuel Inner Barrier		NA										
				NA		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	12 Pressurized Water Reactor Disposal Container, with Absorber Plates, South Texas Fuel Outer Barrier		NA										
				NA		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	12 Pressurized Water Reactor Disposal Container. No Absorber Plates Associated Filler and Criticality Control Materials (if needed)		NA										
				NA		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	12 Pressurized Water Reactor Disposal Container. No Absorber Plates Basket		NA										
				NA		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	12 Pressurized Water Reactor Disposal Container. No Absorber Plates Inner Barrier		NA										
				NA		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	12 Pressurized Water Reactor Disposal Container. No Absorber Plates Outer Barrier	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	21 Pressurized Water Reactor Disposal Container, with Absorber Plates Associated Filler and Criticality Control Materials (if needed)	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	21 Pressurized Water Reactor Disposal Container, with Absorber Plates Basket	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	21 Pressurized Water Reactor Disposal Container, with Absorber Plates Inner Barrier	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	21 Pressurized Water Reactor Disposal Container, with Absorber Plates Outer Barrier	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	21 Pressurized Water Reactor Disposal Container. No Absorber Plates Associated Filler and Criticality Control Materials (if needed)	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	21 Pressurized Water Reactor Disposal Container. No Absorber Plates Basket	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	21 Pressurized Water Reactor Disposal Container. No Absorber Plates Inner Barrier	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	21 Pressurized Water Reactor Disposal Container. No Absorber Plates Outer Barrier	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	24 Boiling Water Reactor Disposal Container, with Thick Absorber Plates Associated Filler and Criticality Control Materials (if needed)	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	24 Boiling Water Reactor Disposal Container, with Thick Absorber Plates Basket	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	24 Boiling Water Reactor Disposal Container, with Thick Absorber Plates Inner Barrier	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	24 Boiling Water Reactor Disposal Container, with Thick Absorber Plates Outer Barrier	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	44 Boiling Water Reactor Disposal Container, with Absorber Plates Associated Filler and Criticality Control Materials (if needed)	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q
	44 Boiling Water Reactor Disposal Container, with Absorber Plates Basket		N A	N A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	44 Boiling Water Reactor Disposal Container, with Absorber Plates Inner Barrier		N A	N A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	44 Boiling Water Reactor Disposal Container, with Absorber Plates Outer Barrier		N A	N A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	44 Boiling Water Reactor Disposal Container. No Absorber Plates Associated Filler and Criticality Control Materials (if needed)		N A	N A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	44 Boiling Water Reactor Disposal Container. No Absorber Plates Basket		N A	N A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	44 Boiling Water Reactor Disposal Container. No Absorber Plates Inner Barrier		N A	N A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	44 Boiling Water Reactor Disposal Container. No Absorber Plates Outer Barrier		N A	N A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q1-1	Q1-2	Q1-3	Q1-4	Q1-5	Q1-6	Q1-7	Non-Q	
WP02	Canistered SNF Disposal Containers													
	Boiling Water Reactor Disposal Container													
	Associated Filler and Criticality Control Materials (if needed)													
	N/A													
						N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Boiling Water Reactor Disposal Container													
	Inner Barrier													
	N/A													
					N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Boiling Water Reactor Disposal Container														
Outer Barrier														
N/A														
					N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
WP03	High Level Waste Disposal Containers													
	5 DHLW Co-Disposal Disposal Container													
	Canister Support													
	N/A													
						N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	5 DHLW Co-Disposal Disposal Container													
	Center Canister													
	N/A													
					N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

5 DHLW Co-Disposal Disposal Container														
Inner Barrier														
N/A														
					N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Table 8.2-1 Summary of MGDS Classification Analysis

SDD Number	SDD Name	SSC	Level 3	Level 4	Level 5	Q4-1	Q4-2	Q4-3	Q4-4	Q4-5	Q4-6	Q4-7	Non-Q
	5 DHLW Co-Disposal Disposal Container Outer Barrier		N/A		N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	5 DHLW Co-Disposal Hanford Disposal Container Canister Support		N/A		N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	5 DHLW Co-Disposal Hanford Disposal Container Center Canister		N/A		N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	5 DHLW Co-Disposal Hanford Disposal Container Inner Barrier		N/A		N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	5 DHLW Co-Disposal Hanford Disposal Container Outer Barrier		N/A		N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WP04	DOE Waste Forms Disposal Containers												
	Aluminum Based Fuel Disposal Container		N/A		N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table 8.2-1 Summary of MGDS Classification Analysis

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q4-1</i>	<i>Q4-2</i>	<i>Q4-3</i>	<i>Q4-4</i>	<i>Q4-5</i>	<i>Q4-6</i>	<i>Q4-7</i>	<i>Non-Q</i>
	Disrupted Fuel Disposal Container	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Intact Oxide Disposal Container	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Thorium Oxide Disposal Container	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Uranium Carbide Disposal Container	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Uranium Metal and Alloy Disposal Container	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Uranium Oxide Disposal Container	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Zirconium Hydride Disposal Container	N/A		N/A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
SS01	Subsurface Facility System						
		Development System					
		Development Accesses					
		Ramp					
					Internal Ramps	<input checked="" type="checkbox"/>	Yes
		Development System					
		Development Accesses					
		Ramp					
					Main Ramp	<input checked="" type="checkbox"/>	Yes
		Development System					
		Development Accesses					
		Ramp					
					Portal	<input checked="" type="checkbox"/>	Yes
		Development System					
		Development Accesses					
		Shaft					
					Emergency Hoist System	<input type="checkbox"/>	No
		Development System					
		Development Accesses					
		Shaft					
					Hoist System	<input type="checkbox"/>	No
		Development System					
		Development Accesses					
		Shaft					
					Shaft Structure	<input checked="" type="checkbox"/>	Yes
		Development System					
		Development Accesses					
		Shaft					
					Shaft Yard Facilities	<input type="checkbox"/>	No
		Development System					
		Development Support System					
					Personnel & Materials Transport		
					Muck Handling System	<input type="checkbox"/>	No
		Development System					
		Development Support System					
					Personnel & Materials Transport		
					Service Equipment	<input type="checkbox"/>	Yes
		Development System					
		Development Support System					
					Personnel & Materials Transport		
					Specialty Equipment	<input type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
	Development System						
	Development Support System						
		Personnel & Materials Transport					
		Trackless Equipment				<input type="checkbox"/>	Yes
	Development System						
	Development Support System						
		Subsurface Excavation System					
		Emplacement Areas				<input type="checkbox"/>	No
	Development System						
	Development Support System						
		Subsurface Excavation System					
		Miscellaneous Cutouts				<input type="checkbox"/>	Yes
	Development System						
	Development Support System						
		Subsurface Excavation System					
		Ramps				<input type="checkbox"/>	Yes
	Development System						
	Development Support System						
		Subsurface Excavation System					
		Shafts				<input type="checkbox"/>	Yes
	Development System						
	Development Support System						
		Subsurface Excavation System					
		Ventilation Raises				<input type="checkbox"/>	Yes
	Development System						
	Development Support System						
		Support Openings					
		Cutouts				<input type="checkbox"/>	Yes
	Development System						
	Development Support System						
		Support Openings					
		Equipment Storage				<input type="checkbox"/>	No
	Development System						
	Development Support System						
		Support Openings					
		Subsurface Shops/Warehouse				<input type="checkbox"/>	No
	Operations System						
	Operations Accesses						
		Operations Ramps					
		Internal Ramps				<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Operations System					
				Operations Accesses			
					Operations Ramps		
					Main Ramp	<input checked="" type="checkbox"/>	Yes
		Operations System					
				Operations Accesses			
					Operations Ramps		
					Portal	<input checked="" type="checkbox"/>	Yes
		Operations System					
				Operations Accesses			
					Operations Shafts		
					Hoist System	<input type="checkbox"/>	Yes
		Operations System					
				Operations Accesses			
					Operations Shafts		
					Shaft Structure	<input checked="" type="checkbox"/>	Yes
		Operations System					
				Operations Accesses			
					Operations Shafts		
					Shaft Yard Facilities	<input type="checkbox"/>	Yes
		Operations System					
				Underground Facility			
					Emplacement Area		
					Emplacement Drift	<input checked="" type="checkbox"/>	Yes
		Operations System					
				Underground Facility			
					Emplacement Area		
					Perimeter Mains	<input checked="" type="checkbox"/>	Yes
		Operations System					
				Underground Facility			
					Support Areas		
					Performance Confirmation	<input checked="" type="checkbox"/>	Yes
		Operations System					
				Underground Facility			
					Support Areas		
					Support Openings	<input checked="" type="checkbox"/>	Yes
		Operations System					
				Underground Facility			
					Support Areas		
					Ventilation Openings	<input checked="" type="checkbox"/>	Yes
SS02	Engineered Barrier System						

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Engineered Barrier System					
		N/A		N/A			
SS03	Ground Control System				N/A	<input checked="" type="checkbox"/>	Yes
		Accesses					
		N/A		N/A			
		Emplacement Area			N/A	<input checked="" type="checkbox"/>	Yes
		N/A		N/A			
		Performance Confirmation Openings			N/A	<input checked="" type="checkbox"/>	Yes
		N/A		N/A			
		Perimeter Mains			N/A	<input type="checkbox"/>	Yes
		N/A		N/A			
		Support Openings & Cutouts			N/A	<input checked="" type="checkbox"/>	Yes
		N/A		N/A			
		Ventilation Openings			N/A	<input type="checkbox"/>	Yes
		N/A		N/A			
SS05	Subsurface Ventilation System						
		Development Ventilation System					
		Access Ventilation System					
		Ramp			N/A	<input type="checkbox"/>	Yes
		Development Ventilation System					
		Access Ventilation System					
		Shaft			N/A	<input type="checkbox"/>	Yes
		Development Ventilation System					
		Emplacement Drift System					
		Drift Excavation			N/A	<input type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q-1-1/Q-1-2</i>	<i>Quest.-8</i>
	Development Ventilation System	Emplacement Drift System					
		Raise Excavation			N/A	<input type="checkbox"/>	Yes
	Development Ventilation System	Emplacement Drift System					
		Turnout Excavation			N/A	<input type="checkbox"/>	Yes
	Development Ventilation System	Miscellaneous Support Cutout Systems					
		Charging Stations			N/A	<input type="checkbox"/>	Yes
	Development Ventilation System	Miscellaneous Support Cutout Systems					
		Fueling Bays			N/A	<input type="checkbox"/>	Yes
	Development Ventilation System	Miscellaneous Support Cutout Systems					
		Pumping Stations			N/A	<input type="checkbox"/>	Yes
	Development Ventilation System	Miscellaneous Support Cutout Systems					
		Refuge Chambers			N/A	<input type="checkbox"/>	Yes
	Development Ventilation System	Miscellaneous Support Cutout Systems					
		Science Cutouts			N/A	<input type="checkbox"/>	Yes
	Development Ventilation System	Performance Confirmation System					
					N/A	<input type="checkbox"/>	Yes
	Development Ventilation System	Shop/Warehouse Area System					
					N/A	<input type="checkbox"/>	Yes
	Development Ventilation System	Ventilation Commodities					
		Air Movers			N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Development Ventilation System					
		Ventilation Commodities					
		Control Devices			N/A	<input checked="" type="checkbox"/>	Yes
		Development Ventilation System					
		Ventilation Commodities					
		Dust/Fume Control			N/A	<input type="checkbox"/>	Yes
		Development Ventilation System					
		Ventilation Commodities					
		Heating/Cooling			N/A	<input type="checkbox"/>	Yes
		Development Ventilation System					
		Ventilation Commodities					
		Silencers			N/A	<input type="checkbox"/>	Yes
		Development Ventilation System					
		Ventilation Level System			N/A	<input checked="" type="checkbox"/>	Yes
		Operations Ventilation System					
		Access Ventilation System					
		Ramp			N/A	<input checked="" type="checkbox"/>	Yes
		Operations Ventilation System					
		Access Ventilation System					
		Shaft			N/A	<input checked="" type="checkbox"/>	Yes
		Operations Ventilation System					
		Emplacement Drift System					
		Drift			N/A	<input checked="" type="checkbox"/>	Yes
		Operations Ventilation System					
		Emplacement Drift System					
		Ventilation Raise			N/A	<input checked="" type="checkbox"/>	Yes
		Operations Ventilation System					
		Miscellaneous Support Cutout Systems					
		Charging Stations			N/A	<input type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Operations Ventilation System					
		Miscellaneous Support Cutout Systems					
		Pumping Stations					
		N/A				<input type="checkbox"/>	Yes
		Operations Ventilation System					
		Miscellaneous Support Cutout Systems					
		Refuge Chambers					
		N/A				<input type="checkbox"/>	Yes
		Operations Ventilation System					
		Miscellaneous Support Cutout Systems					
		Science Cutouts					
		N/A				<input type="checkbox"/>	Yes
		Operations Ventilation System					
		Performance Confirmation System					
		N/A					
		N/A				<input type="checkbox"/>	Yes
		Operations Ventilation System					
		Ventilation Commodities					
		Air Movers					
		N/A				<input checked="" type="checkbox"/>	Yes
		Operations Ventilation System					
		Ventilation Commodities					
		Control Devices					
		N/A				<input checked="" type="checkbox"/>	Yes
		Operations Ventilation System					
		Ventilation Commodities					
		Dust/Fume Control					
		N/A				<input type="checkbox"/>	Yes
		Operations Ventilation System					
		Ventilation Commodities					
		Heating/Cooling					
		N/A				<input type="checkbox"/>	Yes
		Operations Ventilation System					
		Ventilation Commodities					
		Silencers					
		N/A				<input type="checkbox"/>	Yes
		Operations Ventilation System					
		Ventilation Level System					
		N/A					
		N/A				<input checked="" type="checkbox"/>	Yes
SS06	Subsurface Electrical Distribution System						

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
	Development Electrical Distribution	4160 V Distribution			N/A	<input type="checkbox"/>	Yes
	Development Electrical Distribution	440 V Distribution			N/A	<input type="checkbox"/>	Yes
	Development Electrical Distribution	Blasting Circuit			N/A	<input type="checkbox"/>	Yes
	Development Electrical Distribution	Hoisting Circuit			N/A	<input type="checkbox"/>	Yes
	Development Electrical Distribution	Lighting System			N/A	<input type="checkbox"/>	Yes
	Development Electrical Distribution	Muck Removal System			N/A	<input type="checkbox"/>	Yes
	Development Electrical Distribution	Support System			N/A	<input type="checkbox"/>	Yes
	Development Electrical Distribution	TBM System			N/A	<input type="checkbox"/>	Yes
	Development Electrical Distribution	Trackless Mining System			N/A	<input type="checkbox"/>	Yes
	Development Electrical Distribution	Ventilation System			N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Operations Electrical Distribution Emergency Response System N/A			N/A	<input type="checkbox"/>	Yes
		Operations Electrical Distribution Pumping Distribution N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Operations Electrical Distribution Subsurface Lighting System N/A			N/A	<input type="checkbox"/>	Yes
		Operations Electrical Distribution Support Systems Distribution N/A			N/A	<input type="checkbox"/>	Yes
		Operations Electrical Distribution Ventilation System N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Operations Electrical Distribution Waste Emplacement System N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Operations Electrical Distribution Waste Transportation Distribution System N/A			N/A	<input checked="" type="checkbox"/>	Yes
SS08	Subsurface Compressed Air System	Development Compressed Air System Development Transportation System N/A			N/A	<input type="checkbox"/>	Yes
		Development Compressed Air System Excavation Systems N/A			N/A	<input type="checkbox"/>	Yes
		Development Compressed Air System Muck Removal System N/A			N/A	<input type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Development Compressed Air System					
		Primary Distribution System					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Development Compressed Air System					
		Refuge Chamber System					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Development Compressed Air System					
		Ventilation Control System					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Development Compressed Air System					
		Warehouse/Shops System					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Operations Compressed Air System					
		Emplacement Drift System					
		N/A					
					N/A	<input checked="" type="checkbox"/>	Yes
		Operations Compressed Air System					
		Primary Distribution System					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Operations Compressed Air System					
		Refuge Chamber System					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Operations Compressed Air System					
		Ventilation Control System					
		N/A					
					N/A	<input checked="" type="checkbox"/>	Yes
		Operations Compressed Air System					
		Waste Transportation System					
		N/A					
					N/A	<input type="checkbox"/>	Yes
SS09		Subsurface Water Distribution System					
		Development Water Distribution					
		Excavation Takeoff System					
		Miscellaneous Excavation System					
		N/A					
					N/A	<input type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Development Water Distribution					
		Excavation Takeoff System					
		Muck Removal Dust Control System			N/A	<input type="checkbox"/>	Yes
		Development Water Distribution					
		Excavation Takeoff System					
		Raise Bore Supply System			N/A	<input type="checkbox"/>	Yes
		Development Water Distribution					
		Excavation Takeoff System					
		TBM Supply System			N/A	<input type="checkbox"/>	Yes
		Development Water Distribution					
		Fire Suppression System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Development Water Distribution					
		Primary Piping, Valving and Controls					
		N/A			N/A	<input type="checkbox"/>	Yes
		Development Water Distribution					
		Warehouse/Shop Distribution System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Operations Water Distribution					
		Fire Suppression					
		N/A			N/A	<input type="checkbox"/>	Yes
		Operations Water Distribution					
		Support Area Distribution System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Operations Water Distribution					
		Waste Transportation Distribution System					
		N/A			N/A	<input type="checkbox"/>	Yes
SS10	Subsurface Safety & Monitoring System	Development Safety & Monitoring					
		Excavation Systems					
		N/A			N/A	<input type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q4-1/Q4-2</i>	<i>Quest.-8</i>
		Development Safety & Monitoring Fire Detection N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Development Safety & Monitoring Fuel Handling System N/A			N/A	<input type="checkbox"/>	Yes
		Development Safety & Monitoring Ground Control Monitoring N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Development Safety & Monitoring Personnel Safety N/A			N/A	<input type="checkbox"/>	Yes
		Development Safety & Monitoring Radiological Safety & Monitoring N/A			N/A	<input type="checkbox"/>	Yes
		Development Safety & Monitoring Transportation Safety & Monitoring Rail System N/A			N/A	<input type="checkbox"/>	Yes
		Development Safety & Monitoring Transportation Safety & Monitoring Trackless Equipment Systems N/A			N/A	<input type="checkbox"/>	Yes
		Development Safety & Monitoring Ventilation Monitoring N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Operations Safety & Monitoring Criticality Monitoring N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Operations Safety & Monitoring Fire Detection N/A			N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Operations Safety & Monitoring Ground Control Monitoring N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Operations Safety & Monitoring Personnel Safety N/A			N/A	<input type="checkbox"/>	Yes
		Operations Safety & Monitoring Radiological Safety & Monitoring N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Operations Safety & Monitoring Transportation Safety N/A			N/A	<input type="checkbox"/>	Yes
		Operations Safety & Monitoring Ventilation Monitoring N/A			N/A	<input checked="" type="checkbox"/>	Yes
SS12	Subsurface Operational Monitoring System	N/A			N/A	<input type="checkbox"/>	Yes
SS14	Performance Confirmation System	Borehole Monitoring System Water Table N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Emplacement Drift Monitoring System N/A			N/A	<input checked="" type="checkbox"/>	Yes
		General Subsurface Performance Confirmation Assessment System Emplaced Materials Monitoring N/A			N/A	<input checked="" type="checkbox"/>	Yes
		General Subsurface Performance Confirmation Assessment System Geochemical/Geomechanical Monitoring N/A			N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		General Subsurface Performance Confirmation Assessment System					
		Hydrologic Monitoring	N/A		N/A	<input checked="" type="checkbox"/>	Yes
		General Subsurface Performance Confirmation Assessment System					
		Seal Testing	N/A		N/A	<input checked="" type="checkbox"/>	Yes
		General Subsurface Performance Confirmation Assessment System					
		Thermomechanical Monitoring	N/A		N/A	<input checked="" type="checkbox"/>	Yes
		General Subsurface Performance Confirmation System					
		Backfill Testing	N/A		N/A	<input checked="" type="checkbox"/>	Yes
		General Surface Performance Confirmation System					
		N/A		N/A			
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
SS16	Subsurface Development Transportation System						
		Control Devices	N/A				
				N/A		<input type="checkbox"/>	Yes
		Locomotives	N/A				
				N/A		<input type="checkbox"/>	Yes
		Rail Subsystems for Personnel & Equipment	N/A				
				N/A		<input type="checkbox"/>	Yes
		Rolling Stock	N/A				
				N/A		<input type="checkbox"/>	Yes
SS17	Waste Emplacement System						
		Emplacement Drift System					
		Access Control and Package Transfer Control System	N/A		N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

SDD Number	SDD Name	SSC Name	Level 3	Level 4	Level 5	QA-1/QA-2	Quest.-8
		Emplacement Drift System					
		Doors/Docking System			N/A	<input checked="" type="checkbox"/>	Yes
		Emplacement Maintenance System					
		Drift Inspection/Maintenance System			N/A	<input checked="" type="checkbox"/>	Yes
		Emplacement Maintenance System					
		Emergency/Recovery Equipment System			N/A	<input checked="" type="checkbox"/>	Yes
		Emplacement Maintenance System					
		Repair Equipment System			N/A	<input type="checkbox"/>	Yes
		Emplacement Rail System					
		Rail Control System			N/A	<input checked="" type="checkbox"/>	Yes
		Emplacement Rail System					
		Rail, Switches & Hardware			N/A	<input checked="" type="checkbox"/>	Yes
		Emplacement Rail System					
		Rolling Stock			N/A	<input checked="" type="checkbox"/>	Yes
SS19	Subsurface Closure & Sealing System	Backfill Emplacement System					
		Material Emplacement System			N/A	<input checked="" type="checkbox"/>	Yes
		Backfill Emplacement System					
		Material Segregation, Storage and Blending System			N/A	<input type="checkbox"/>	Yes
		Backfill Emplacement System					
		Material Transport System			N/A	<input type="checkbox"/>	No

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q4-1/Q4-2</i>	<i>Quest.-8</i>
		Borehole Sealing System					
		Material Emplacement System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Borehole Sealing System					
		Material Handling System		N/A	N/A	<input type="checkbox"/>	No
		Seal System					
		Composite Material Handling System		N/A	N/A	<input type="checkbox"/>	No
		Seal System					
		Material Emplacement System		N/A	N/A	<input type="checkbox"/>	No
		Seal System					
		Structural Seal Component System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
SS20	Subsurface Water Collection/Removal						
		Development Water Removal					
		Primary Piping and Routing		N/A	N/A	<input type="checkbox"/>	Yes
		Development Water Removal					
		Primary Sump and Pumping Station		N/A	N/A	<input type="checkbox"/>	Yes
		Development Water Removal					
		Secondary Collection Sumps/Pumping		N/A	N/A	<input type="checkbox"/>	Yes
		Development Water Removal					
		Temporary Piping and Routing		N/A	N/A	<input type="checkbox"/>	Yes
		Operations Water Removal					
		Piping and Routing		N/A	N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Operations Water Removal					
		Primary Sump and Pumping Station					
		N/A					
		N/A				<input checked="" type="checkbox"/>	Yes
		Operations Water Removal					
		Secondary Collection Sumps/Pumping					
		N/A					
		N/A				<input checked="" type="checkbox"/>	Yes
SS21	Waste Retrieval System	Waste Retrieval Equipment System					
		Emplacement Drift Remediation Equipment					
		N/A					
		N/A				<input checked="" type="checkbox"/>	Yes
		Waste Retrieval Equipment System					
		Off-Normal Conditions Equipment					
		N/A					
		N/A				<input checked="" type="checkbox"/>	Yes
		Waste Retrieval Equipment System					
		Retrieval Gantry					
		N/A					
		N/A				<input checked="" type="checkbox"/>	Yes
		Waste Retrieval Transport Equipment System					
		Rolling Stock					
		N/A					
		N/A				<input checked="" type="checkbox"/>	Yes
SS24	Subsurface Emplacement Transportation System	Access Rail System					
		Rail Control System					
		N/A					
		N/A				<input type="checkbox"/>	Yes
		Access Rail System					
		Rail, Switches & Hardware					
		N/A					
		N/A				<input type="checkbox"/>	Yes
		Access Rail System					
		Rolling Stock					
		N/A					
		N/A				<input type="checkbox"/>	Yes
		Ramp Access System					
		Doors & Access Control					
		N/A					
		N/A				<input type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q4-1/Q4-2</i>	<i>Quest.-8</i>
		Waste Transportation Maintenance System					
		Emergency/Recovery Equipment System					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Waste Transportation Maintenance System					
		Ramp/Main Inspection & Maintenance					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Waste Transportation Maintenance System					
		Repair Equipment System					
		N/A					
					N/A	<input type="checkbox"/>	Yes
SS26	Subsurface Fire Suppression System						
		Development Fire Suppression					
		Access Fire Suppression System					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Development Fire Suppression					
		Excavation Systems Fire Suppression					
		Mechanical Excavation Systems					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Development Fire Suppression					
		Excavation Systems Fire Suppression					
		Raise Bore Systems					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Development Fire Suppression					
		Excavation Systems Fire Suppression					
		TBM Systems					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Development Fire Suppression					
		Fire Detection Systems					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Development Fire Suppression					
		Mobile Equipment Fire Suppression					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Development Fire Suppression					
		Muck Removal Fire Suppression					
		N/A					
					N/A	<input type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q-1-1/Q-1-2</i>	<i>Quest.-8</i>
		Development Fire Suppression					
		Support Openings Fire Suppression					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Development Fire Suppression					
		Ventilation Equipment Fire Suppression					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Development Fire Suppression					
		Warehouse/Shop Fire Suppression					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Operations Fire Suppression					
		Access Fire Suppression System					
		N/A					
					N/A	<input checked="" type="checkbox"/>	Yes
		Operations Fire Suppression					
		Fire Detection Systems					
		N/A					
					N/A	<input checked="" type="checkbox"/>	Yes
		Operations Fire Suppression					
		Underground Facility Fire Suppression					
		N/A					
					N/A	<input checked="" type="checkbox"/>	Yes
		Operations Fire Suppression					
		Ventilation Equipment Fire Suppression					
		N/A					
					N/A	<input checked="" type="checkbox"/>	Yes
		Operations Fire Suppression					
		Waste Package Handling Equipment Fire Suppression					
		N/A					
					N/A	<input checked="" type="checkbox"/>	Yes
SU01	MGDS Site Layout						
		N/A					
			N/A				
					N/A		
					N/A	<input type="checkbox"/>	Yes
SU02	Waste Handling Facility (WHF) System						
		Communications System					
		Fire Alarm System					
		N/A					
					N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Communications System					
		Office & Data System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Communications System					
		Phone System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Communications System					
		Public Address/Central Alarm System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Communications System					
		Security System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Facility Decontamination System					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Facility Monitor & Control System					
		N/A					
					N/A	<input checked="" type="checkbox"/>	Yes
		LLW Liquid Transfer Systems					
		Aqueous LLW Collection System					
		N/A			N/A	<input type="checkbox"/>	Yes
		LLW Liquid Transfer Systems					
		Liquid Chemical LLW Collection System					
		N/A			N/A	<input type="checkbox"/>	Yes
		LLW Liquid Transfer Systems					
		Recycled Water Distribution System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Material Accountability System					
		N/A					
					N/A	<input type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Piped Utility Systems					
		Chilled Water Distribution System					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Piped Utility Systems					
		Industrial Air Distribution System					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Piped Utility Systems					
		Instrument Air Distribution System (as required)					
		N/A					
					N/A	<input checked="" type="checkbox"/>	Yes
		Piped Utility Systems					
		Potable Water Distribution System					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Piped Utility Systems					
		Sewage Collection System					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Piped Utility Systems					
		Vacuum System (as required)					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Process Supply Systems					
		Helium Supply System					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Process Supply Systems					
		Nitrogen Supply System (as required)					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Security System					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Solid Waste Collection Systems					
		Hazardous Waste System					
		N/A					
					N/A	<input type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q4-1/Q4-2</i>	<i>Quest.-8</i>
		Solid Waste Collection Systems					
		Radiological Waste System					
		N/A			N/A	<input checked="" type="checkbox"/>	No
		Solid Waste Collection Systems					
		Sanitary Waste System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Waste Handling Building Architectural Features					
		N/A			N/A	<input type="checkbox"/>	Yes
		Waste Handling Building Foundations and Structures					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
SU04	Radiological Waste Treatment Facility System	Communications Systems					
		Fire Alarm Communication System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Communications Systems					
		Office & Data System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Communications Systems					
		Phone System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Communications Systems					
		Public Address/Central Alarm System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Communications Systems					
		Security System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Electrical Systems					
		Backup Power Distribution System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Electrical Systems					
		UPS Power System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Electrical Systems					
		Utility Power Distribution System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Facility Decontamination System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Facility Monitor & Control System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Lighting Systems					
		General Lighting System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Lighting Systems					
		Safety/Security Lighting System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Lightning Protection System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Piped Utility Systems					
		Chilled Water Distribution System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Piped Utility Systems					
		Industrial Air Distribution System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Piped Utility Systems					
		Instrument Air Distribution System (as required)					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q.1-1/Q.4-2</i>	<i>Quest.-8</i>
		Piped Utility Systems					
		Potable Water Distribution System		N/A	N/A	<input type="checkbox"/>	Yes
		Piped Utility Systems					
		Secondary Cooling Water System		N/A	N/A	<input type="checkbox"/>	Yes
		Piped Utility Systems					
		Sewage Collection System		N/A	N/A	<input type="checkbox"/>	No
		Piped Utility Systems					
		Vacuum System (as required)		N/A	N/A	<input type="checkbox"/>	No
		Process Supply Systems					
		Acid Supply System		N/A	N/A	<input type="checkbox"/>	Yes
		Process Supply Systems					
		Caustic Supply System		N/A	N/A	<input type="checkbox"/>	Yes
		Process Supply Systems					
		Stabilization Agent Supply System		N/A	N/A	<input type="checkbox"/>	Yes
		Safety Systems					
		Fire Detection System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Safety Systems					
		Fire Suppression System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Safety Systems					
		Radiological Monitoring System		N/A	N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Security System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Solid Waste Collection Systems					
		Hazardous Waste System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Solid Waste Collection Systems					
		Radiological Waste System	N/A	N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Solid Waste Collection Systems					
		Sanitary Waste System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Waste Treatment Building	N/A	N/A	N/A	<input checked="" type="checkbox"/>	Yes
SU05	Carrier Staging Shed (CSS) System	Carrier Staging Shed	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Communications Systems					
		Fire Alarm Communications System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Communications Systems					
		Office & Data System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Communications Systems					
		Phone System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Communications Systems					
		Public Address/Central Alarm System	N/A	N/A	N/A	<input type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q4-1/Q4-2</i>	<i>Quest.-8</i>
		Communications Systems					
		Security System		N/A	N/A	<input type="checkbox"/>	Yes
		Electrical Systems					
		Backup Power Distribution System		N/A	N/A	<input type="checkbox"/>	Yes
		Electrical Systems					
		UPS Power System		N/A	N/A	<input type="checkbox"/>	Yes
		Electrical Systems					
		Utility Power Distribution System		N/A	N/A	<input type="checkbox"/>	Yes
		Facility Monitoring & Control System					
		N/A		N/A	N/A	<input type="checkbox"/>	Yes
		Lighting Systems					
		General Lighting System		N/A	N/A	<input type="checkbox"/>	Yes
		Lighting Systems					
		Safety/Security Lighting System		N/A	N/A	<input type="checkbox"/>	Yes
		Lightning Protection System					
		N/A		N/A	N/A	<input type="checkbox"/>	Yes
		Non-Nuclear HVAC System					
		N/A		N/A	N/A	<input type="checkbox"/>	Yes
		Piped Utility Systems					
		Chilled Water Distribution System (as required)		N/A	N/A	<input type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Piped Utility Systems					
		Industrial Air Distribution System		N/A	N/A	<input type="checkbox"/>	Yes
		Piped Utility Systems					
		Instrument Air Distribution System (as required)		N/A	N/A	<input type="checkbox"/>	Yes
		Piped Utility Systems					
		Potable Water Distribution System		N/A	N/A	<input type="checkbox"/>	Yes
		Piped Utility Systems					
		Sewage Collection System		N/A	N/A	<input type="checkbox"/>	Yes
		Piped Utility Systems					
		Vacuum System (as required)		N/A	N/A	<input type="checkbox"/>	No
		Safety Systems					
		Fire Detection System		N/A	N/A	<input type="checkbox"/>	Yes
		Safety Systems					
		Fire Suppression System		N/A	N/A	<input type="checkbox"/>	Yes
		Safety Systems					
		Radiological Monitoring System		N/A	N/A	<input type="checkbox"/>	Yes
		Security System					
		N/A		N/A	N/A	<input type="checkbox"/>	Yes
		Solid Waste Collection Systems					
		Hazardous Waste System		N/A	N/A	<input type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Solid Waste Collection Systems					
		Radiological Waste System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Solid Waste Collection Systems					
		Sanitary Waste System					
		N/A			N/A	<input type="checkbox"/>	Yes
SU08	CSS Material Handling System	N/A					
		N/A	N/A				
				N/A			
					N/A	<input type="checkbox"/>	Yes
SU09	Cask/Canister Handling System						
		Assembly Transfer Line Cask Systems					
		Cask Cart System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Assembly Transfer Line Cask Systems					
		Cask Clean & Purge System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Assembly Transfer Line Cask Systems					
		Decontamination System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Assembly Transfer Line Cask Systems					
		Empty Cask Preparation System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Assembly Transfer Line Cask Systems					
		Empty DPC Packaging System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Canister Transfer Line Cask Systems					
		Cask Cart System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Canister Transfer Line Cask Systems					
		Cask Clean & Purge System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Canister Transfer Line Cask Systems Cask Hoist System N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Canister Transfer Line Cask Systems Cask Lid Unbolter System N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Canister Transfer Line Cask Systems Decontamination System N/A			N/A	<input type="checkbox"/>	Yes
		Canister Transfer Line Cask Systems Empty Cask Preparation System N/A			N/A	<input type="checkbox"/>	Yes
		Carrier Bay Crane System N/A			N/A	<input checked="" type="checkbox"/>	Yes
SU10	Uncanistered Waste Transfer System	Cask/Canister Handling Systems Cask Lid Removal & Installation System N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Cask/Canister Handling Systems Cask/Canister Purge & Fill System N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Cask/Canister Handling Systems DPC Opening System N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Cask/Canister Handling Systems Pool Crane System N/A			N/A	<input checked="" type="checkbox"/>	Yes
		DC Assembly Transfer Line Systems DC Cart System N/A			N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q4-1/Q4-2</i>	<i>Quest.-8</i>
		DC Assembly Transfer Line Systems					
		DC Decontamination System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
		DC Assembly Transfer Line Systems					
		DC Inner Lid Weld Inspection System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
		DC Assembly Transfer Line Systems					
		DC Inner Lid Weld System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
		DC Assembly Transfer Line Systems					
		Waste Transfer Port System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Pool Systems					
		Pool Leak Detection System		N/A	N/A	<input type="checkbox"/>	Yes
		Pool Systems					
		Pool Waste Removal System		N/A	N/A	<input type="checkbox"/>	Yes
		Pool Systems					
		Pool Water Supply & Treatment System		N/A	N/A	<input type="checkbox"/>	Yes
		SFA Dry Transfer Systems					
		SFA Dry Transfer Crane System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
		SFA Dry Transfer Systems					
		SFA Drying Chamber System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
		SFA Pool Transfer					
		SFA Conveyor System		N/A	N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q-A-1/Q-A-2</i>	<i>Quest.-8</i>
		SFA Pool Transfer					
		SFA Pool Lag Storage System		N/A			
					N/A	<input checked="" type="checkbox"/>	Yes
		SFA Pool Transfer					
		SFA Pool Transfer Crane System		N/A			
					N/A	<input checked="" type="checkbox"/>	Yes
SU11	Canistered Waste Transfer System						
		Canister Lag Storage System					
				N/A			
					N/A	<input checked="" type="checkbox"/>	Yes
		DC Canister Transfer Line Systems					
		DC Cart System					
					N/A	<input checked="" type="checkbox"/>	Yes
		DC Canister Transfer Line Systems					
		Waste Transfer Port System					
					N/A	<input checked="" type="checkbox"/>	Yes
		Large Canister Crane System					
				N/A			
					N/A	<input checked="" type="checkbox"/>	Yes
		Small Canister Hoist System					
				N/A			
					N/A	<input checked="" type="checkbox"/>	Yes
SU12	Waste Package (WP) Remediation System						
		DC Crane System					
				N/A			
					N/A	<input checked="" type="checkbox"/>	Yes
		DC Non-Destructive Examination System					
				N/A			
					N/A	<input checked="" type="checkbox"/>	Yes
		DC Welding System					
				N/A			
					N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q.A-1/Q.A-2</i>	<i>Quest.-8</i>
		DC/Canister Opening System	N/A	N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Decontamination System	N/A	N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Filler Material Addition System (as required)	N/A	N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Sampling System	N/A	N/A	N/A	<input checked="" type="checkbox"/>	Yes
SU13	Disposal Container (DC) Handling System	DC Emplacement Preparation Systems				<input checked="" type="checkbox"/>	Yes
		DC Horizontalizer System	N/A			<input checked="" type="checkbox"/>	Yes
		DC Emplacement Preparation Systems				<input checked="" type="checkbox"/>	Yes
		DC Transfer Gantry System	N/A			<input checked="" type="checkbox"/>	Yes
		DC Emplacement Preparation Systems				<input type="checkbox"/>	Yes
		Final DC Decontamination	N/A			<input checked="" type="checkbox"/>	Yes
		DC Emplacement Preparation Systems				<input checked="" type="checkbox"/>	Yes
		Transporter Loading System	N/A			<input checked="" type="checkbox"/>	Yes
		DC Storage and Handling Systems				<input checked="" type="checkbox"/>	Yes
		DC Staging System	N/A			<input checked="" type="checkbox"/>	Yes
		DC Storage and Handling Systems				<input checked="" type="checkbox"/>	Yes
		DC Storage Crane System	N/A			<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		DC Storage and Handling Systems					
		DC Storage Transfer Cart System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		DC Welding/Inspection Systems					
		DC Inner Lid Weld Inspection System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		DC Welding/Inspection Systems					
		DC Inner Lid Weld System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		DC Welding/Inspection Systems					
		DC Outer Lid Weld Inspection System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		DC Welding/Inspection Systems					
		DC Outer Lid Weld System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Empty DC Receiving System					
		N/A					
					N/A	<input type="checkbox"/>	Yes
SU16	Carrier/Cask Transport System						
		Carrier/Cask Transportation Systems					
		Carrier/Cask Rail System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Carrier/Cask Transportation Systems					
		Carrier/Cask Road System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Carrier/Cask Transportation Systems					
		On-Site Prime Mover System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Carrier/Cask Transportation Systems					
		Shipment Inspection System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q1-1/Q1-2</i>	<i>Quest.-8</i>
		Transporter Maintenance Building	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Transporter Maintenance Systems					
		Battery Charging System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Transporter Maintenance Systems					
		Decontamination System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Transporter Maintenance Systems					
		Electromechanical Equipment Maintenance System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Transporter Maintenance Systems					
		Oily Water Separation System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Transporter Maintenance Systems					
		Transporter Maintenance Facility System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Transporter Maintenance Systems					
		Transporter Service System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
SU17	Off-Site Rail and Road Systems						
		General Offsite Transportation	N/A	N/A	N/A	<input type="checkbox"/>	No
		Nevada Rail Subsystem	N/A	N/A	N/A	<input type="checkbox"/>	No
		Nevada Road Subsystem	N/A	N/A	N/A	<input type="checkbox"/>	No

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q4-1/Q4-2</i>	<i>Quest.-8</i>
		Transportation Support Depots and Facilities					
		N/A		N/A			
					N/A	<input type="checkbox"/>	No
SU18	Waste Handling Facility	Electrical System					
		Electrical Power Systems					
		Backup Electrical Power Distribution System		N/A		<input checked="" type="checkbox"/>	Yes
		Electrical Power Systems					
		Electrical Power Distribution System			N/A	<input checked="" type="checkbox"/>	Yes
		Electrical Power Systems					
		UPS System			N/A	<input checked="" type="checkbox"/>	Yes
		Lighting Systems					
		Emergency Lighting System			N/A	<input type="checkbox"/>	Yes
		Lighting Systems					
		General Lighting System			N/A	<input type="checkbox"/>	Yes
		Lighting Systems					
		In-Cell Lighting System			N/A	<input type="checkbox"/>	Yes
		Lightning Protection System					
		N/A					
					N/A	<input checked="" type="checkbox"/>	Yes
SU22	Waste Handling Facility (WHF)	Ventilation System					
		Non-Nuclear HVAC Systems					
		N/A					
					N/A	<input type="checkbox"/>	Yes
		Nuclear HVAC Systems					
		Primary Confinement System			N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q:1-1/Q:1-2</i>	<i>Quest.-8</i>
		Nuclear HVAC Systems					
		Secondary Confinement System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Nuclear HVAC Systems					
		Tertiary Confinement System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
SU24	Radiological Waste Treatment Facility Ventilation System						
		Non-Nuclear HVAC Systems		N/A	N/A	<input type="checkbox"/>	Yes
		Nuclear HVAC Systems		N/A	N/A	<input checked="" type="checkbox"/>	Yes
SU29	Waste Handling Facility Radiological Monitoring System						
		Exhaust Stack Monitor System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Operations Area Monitor Systems					
		Continuous Air Monitors		N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Operations Area Monitor Systems					
		General Area Monitors		N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Process Monitor System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
SU33	Waste Handling Facility Fire Protection System						
		Fire Detection System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Fire Suppression Systems					
		Chemical System (as required)		N/A	N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Fire Suppression Systems					
		Deluge System (as required)			N/A		
					N/A	<input checked="" type="checkbox"/>	Yes
		Fire Suppression Systems					
		Sprinkler System			N/A		
					N/A	<input checked="" type="checkbox"/>	Yes
SU37	Site-Generated Radioactive Waste Handling System						
		Aqueous LLW Processing Systems					
		Evaporation System			N/A		
					N/A	<input checked="" type="checkbox"/>	Yes
		Aqueous LLW Processing Systems					
		Ion Exchange System			N/A		
					N/A	<input checked="" type="checkbox"/>	Yes
		Aqueous LLW Processing Systems					
		Recycle Water System			N/A		
					N/A	<input type="checkbox"/>	Yes
		Aqueous LLW Processing Systems					
		Waste Collection System			N/A		
					N/A	<input type="checkbox"/>	Yes
		Chemical LLW Processing Systems					
		Packaging System (Chemical LLW Processing Systems)			N/A		
					N/A	<input type="checkbox"/>	Yes
		Chemical LLW Processing Systems					
		pH Adjustment System			N/A		
					N/A	<input type="checkbox"/>	Yes
		Chemical LLW Processing Systems					
		Waste Collection System			N/A		
					N/A	<input type="checkbox"/>	Yes
		Solid LLW Processing Systems					
		Compaction System			N/A		
					N/A	<input type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q1-1/Q1-2</i>	<i>Quest.-8</i>
		Solid LLW Processing Systems Packaging System	N/A		N/A	<input type="checkbox"/>	Yes
		Solid LLW Processing Systems Resin Slurry Dewatering System	N/A		N/A	<input checked="" type="checkbox"/>	Yes
		Solid LLW Processing Systems Waste Reduction & Disassembly System	N/A		N/A	<input type="checkbox"/>	Yes
		Solid LLW Processing Systems Waste Sorting System	N/A		N/A	<input type="checkbox"/>	Yes
SU40	Emergency Response System	Emergency Response System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Fire Station	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Medical Facility	N/A	N/A	N/A	<input type="checkbox"/>	Yes
SU41	Health Safety System	Health Monitoring & Records System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Health Physics Laboratory System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Instrumentation & Data System	N/A	N/A	N/A	<input type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Occupational Safety & Health	N/A	N/A	N/A	<input type="checkbox"/>	Yes
SU42	Site Communications System	General Site Communications Systems					
		Fire & Emergency Response Communication	N/A		N/A	<input type="checkbox"/>	Yes
		General Site Communications Systems					
		Office & Data System	N/A		N/A	<input type="checkbox"/>	Yes
		General Site Communications Systems					
		Phone System	N/A		N/A	<input type="checkbox"/>	Yes
		General Site Communications Systems					
		Public Address & Central Alarm System	N/A		N/A	<input type="checkbox"/>	Yes
		General Site Communications Systems					
		Security Communications System	N/A		N/A	<input type="checkbox"/>	Yes
		Microwave Systems					
		Earth Station System	N/A		N/A	<input type="checkbox"/>	Yes
		Microwave Systems					
		Portable/Mobile System	N/A		N/A	<input type="checkbox"/>	Yes
SU43	Site Water System	Flood Control System	N/A		N/A	<input checked="" type="checkbox"/>	Yes
		Site Water Systems					
		Chilled Water System	N/A		N/A	<input type="checkbox"/>	Yes

Civilian Radioactive Waste Management System

Management & Operating Contractor

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q1-1/Q1-2</i>	<i>Quest.-8</i>
		Site Water Systems					
		Cooling Water System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Site Water Systems					
		Fire Water Distribution System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Site Water Systems					
		Potable Water System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Site Water Systems					
		Well Water System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Utility Building System					
		N/A			N/A	<input type="checkbox"/>	Yes
					N/A	<input type="checkbox"/>	Yes
SU44	Site Electrical Power System						
		Site Lighting System					
		General Lighting System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Site Lighting Systems					
		Safety/Security System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Standby Power System					
		Generator Fuel Supply System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Standby Power System					
		Standby Power Distribution System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		Standby Power System					
		Standby Power Generator System					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Substation	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Switchgear Building	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Utility Power Distribution System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
SU45	Site Compressed Air System	Air Compression System	N/A	N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Industrial Air Distribution System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Instrument Air Distribution System	N/A	N/A	N/A	<input checked="" type="checkbox"/>	Yes
SU47	Site Generated Hazardous & Non-Hazardous Waste Disposal Systems	Hazardous Waste Collection System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Sanitary Solid Waste Collection System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Sanitary Waste Treatment System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Subsurface Waste Water Collection System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
SU48	Security & Safeguards System						

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q1-1/Q1-2</i>	<i>Quest.-8</i>
		Safeguards Material Control and Accountability	N/A	N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Security Badging & Records System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Security Barrier System					
		Material Access Area Barrier System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Security Barrier System					
		North Portal Support Area Barrier System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Security Barrier System					
		Radiological Control Area Barrier System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Security Barrier System					
		Site Perimeter System	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Security Facilities					
		Station 1	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Security Facilities					
		Station 2	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Security Facilities					
		Station 3	N/A	N/A	N/A	<input type="checkbox"/>	Yes
		Security Surveillance Systems					
		Automated Surveillance System	N/A	N/A	N/A	<input type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q1-1/Q1-2</i>	<i>Quest.-8</i>
		Security Surveillance Systems					
		Patrol System		N/A	N/A	<input type="checkbox"/>	Yes
		Security Surveillance Systems					
		Survey Instrument System		N/A	N/A	<input type="checkbox"/>	Yes
SU49	Surface Environmental Monitoring System						
		Data Acquisition System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Laboratory Facility System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Meteorological Monitoring System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Sample Collection System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
		Seismic Monitoring System		N/A	N/A	<input checked="" type="checkbox"/>	Yes
SU50	Administration System						
		Administration System Facilities					
		Administration Building		N/A	N/A	<input type="checkbox"/>	No
		Administration System Facilities					
		Mock-Up Building		N/A	N/A	<input type="checkbox"/>	No
		Administration System Facilities					
		Visitors Center		N/A	N/A	<input type="checkbox"/>	No

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Administration Systems					
		Engineering System					
			N/A		N/A	<input type="checkbox"/>	No
		Administration Systems					
		Office Services and Records System					
			N/A		N/A	<input type="checkbox"/>	No
		Administration Systems					
		Operations Management & Planning Computer System					
			N/A		N/A	<input type="checkbox"/>	No
		Administration Systems					
		Training System					
			N/A		N/A	<input type="checkbox"/>	No
		Administration Systems					
		Transportation Dispatch Computer System					
			N/A		N/A	<input type="checkbox"/>	No
SU51	Maintenance & Supply System						
		Maintenance & Supply System Facilities					
		Central Shops					
			N/A		N/A	<input type="checkbox"/>	No
		Maintenance & Supply System Facilities					
		Central Warehouse					
			N/A		N/A	<input type="checkbox"/>	No
		Maintenance & Supply System Facilities					
		DC Receiving Shed					
			N/A		N/A	<input type="checkbox"/>	No
		Maintenance & Supply Systems					
		Empty DC Supply System					
			N/A		N/A	<input type="checkbox"/>	No
		Maintenance & Supply Systems					
		Equipment Storage & Retrieval System					
			N/A		N/A	<input type="checkbox"/>	No

Civilian Radioactive Waste Management System

Management & Operating Contractor

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Maintenance & Supply Systems					
		Inventory Planning & Management System	N/A		N/A	<input type="checkbox"/>	No
		Maintenance & Supply Systems					
		Maintenance Planning & Management System	N/A		N/A	<input type="checkbox"/>	No
		Maintenance & Supply Systems					
		Repair System	N/A		N/A	<input type="checkbox"/>	No
SU52	Central Command & Control Operations System	Central Computer System	N/A		N/A	<input checked="" type="checkbox"/>	Yes
		Operator Station System	N/A		N/A	<input checked="" type="checkbox"/>	Yes
SU53	Offsite Utilities System	Offsite Utilities	N/A		N/A	<input type="checkbox"/>	Yes
SU54	General Site Transportation System	Development Transportation System	N/A		N/A	<input type="checkbox"/>	Yes
		General Site Transportation Systems					
		Fuel Supply System	N/A		N/A	<input type="checkbox"/>	Yes
		General Site Transportation Systems					
		General Rail System	N/A		N/A	<input type="checkbox"/>	Yes
		General Site Transportation Systems					
		General Road System	N/A		N/A	<input type="checkbox"/>	Yes

Civilian Radioactive Waste Management System
 Management & Operating Contractor

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		General Site Transportation Systems					
		Vehicle Repair System					
		N/A			N/A	<input type="checkbox"/>	Yes
		Motor Pool & Facility Service Station					
		N/A			N/A	<input type="checkbox"/>	Yes
		N/A			N/A	<input type="checkbox"/>	Yes
WP01	Uncanistered SNF Disposal Containers						
		12 Pressurized Water Reactor Disposal Container, with Absorber Plates, Sout Basket					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		12 Pressurized Water Reactor Disposal Container, with Absorber Plates, Sout Associated Filler and Criticality Control Materials (if needed)					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		12 Pressurized Water Reactor Disposal Container, with Absorber Plates, Sout Inner Barrier					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		12 Pressurized Water Reactor Disposal Container, with Absorber Plates, Sout Outer Barrier					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		12 Pressurized Water Reactor Disposal Container. No Absorber Plates Associated Filler and Criticality Control Materials (if needed)					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		12 Pressurized Water Reactor Disposal Container. No Absorber Plates Basket					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		12 Pressurized Water Reactor Disposal Container. No Absorber Plates Inner Barrier					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes
		12 Pressurized Water Reactor Disposal Container. No Absorber Plates Outer Barrier					
		N/A			N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q4-1/Q4-2</i>	<i>Quest.-8</i>
	21 Pressurized Water Reactor Disposal Container, with Absorber Plates Associated Filler and Criticality Control Materials (if needed)		N/A		N/A	<input checked="" type="checkbox"/>	Yes
	21 Pressurized Water Reactor Disposal Container, with Absorber Plates Basket		N/A		N/A	<input checked="" type="checkbox"/>	Yes
	21 Pressurized Water Reactor Disposal Container, with Absorber Plates Inner Barrier		N/A		N/A	<input checked="" type="checkbox"/>	Yes
	21 Pressurized Water Reactor Disposal Container, with Absorber Plates Outer Barrier		N/A		N/A	<input checked="" type="checkbox"/>	Yes
	21 Pressurized Water Reactor Disposal Container. No Absorber Plates Associated Filler and Criticality Control Materials (if needed)		N/A		N/A	<input checked="" type="checkbox"/>	Yes
	21 Pressurized Water Reactor Disposal Container. No Absorber Plates Basket		N/A		N/A	<input checked="" type="checkbox"/>	Yes
	21 Pressurized Water Reactor Disposal Container. No Absorber Plates Inner Barrier		N/A		N/A	<input checked="" type="checkbox"/>	Yes
	21 Pressurized Water Reactor Disposal Container. No Absorber Plates Outer Barrier		N/A		N/A	<input checked="" type="checkbox"/>	Yes
	24 Boiling Water Reactor Disposal Container, with Thick Absorber Plates Associated Filler and Criticality Control Materials (if needed)		N/A		N/A	<input checked="" type="checkbox"/>	Yes
	24 Boiling Water Reactor Disposal Container, with Thick Absorber Plates Basket		N/A		N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>Q-1-1/Q-1-2</i>	<i>Quest.-8</i>
		24 Boiling Water Reactor Disposal Container, with Thick Absorber Plates Inner Barrier	N/A	N/A		<input checked="" type="checkbox"/>	Yes
		24 Boiling Water Reactor Disposal Container, with Thick Absorber Plates Outer Barrier	N/A	N/A		<input checked="" type="checkbox"/>	Yes
		44 Boiling Water Reactor Disposal Container, with Absorber Plates Associated Filler and Criticality Control Materials (if needed)	N/A	N/A		<input checked="" type="checkbox"/>	Yes
		44 Boiling Water Reactor Disposal Container, with Absorber Plates Basket	N/A	N/A		<input checked="" type="checkbox"/>	Yes
		44 Boiling Water Reactor Disposal Container, with Absorber Plates Inner Barrier	N/A	N/A		<input checked="" type="checkbox"/>	Yes
		44 Boiling Water Reactor Disposal Container, with Absorber Plates Outer Barrier	N/A	N/A		<input checked="" type="checkbox"/>	Yes
		44 Boiling Water Reactor Disposal Container. No Absorber Plates Associated Filler and Criticality Control Materials (if needed)	N/A	N/A		<input checked="" type="checkbox"/>	Yes
		44 Boiling Water Reactor Disposal Container. No Absorber Plates Basket	N/A	N/A		<input checked="" type="checkbox"/>	Yes
		44 Boiling Water Reactor Disposal Container. No Absorber Plates Inner Barrier	N/A	N/A		<input checked="" type="checkbox"/>	Yes
		44 Boiling Water Reactor Disposal Container. No Absorber Plates Outer Barrier	N/A	N/A		<input checked="" type="checkbox"/>	Yes
WP02		Canistered SNF Disposal Containers					

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		Boiling Water Reactor Disposal Container Associated Filler and Criticality Control Materials (if needed)	N/A		N/A	<input checked="" type="checkbox"/>	Yes
		Boiling Water Reactor Disposal Container Inner Barrier	N/A		N/A	<input checked="" type="checkbox"/>	Yes
		Boiling Water Reactor Disposal Container Outer Barrier	N/A		N/A	<input checked="" type="checkbox"/>	Yes
WP03	High Level Waste Disposal Containers						
		5 DHLW Co-Disposal Disposal Container Canister Support	N/A		N/A	<input checked="" type="checkbox"/>	Yes
		5 DHLW Co-Disposal Disposal Container Center Canister	N/A		N/A	<input checked="" type="checkbox"/>	Yes
		5 DHLW Co-Disposal Disposal Container Inner Barrier	N/A		N/A	<input checked="" type="checkbox"/>	Yes
		5 DHLW Co-Disposal Disposal Container Outer Barrier	N/A		N/A	<input checked="" type="checkbox"/>	Yes
		5 DHLW Co-Disposal Hanford Disposal Container Canister Support	N/A		N/A	<input checked="" type="checkbox"/>	Yes
		5 DHLW Co-Disposal Hanford Disposal Container Center Canister	N/A		N/A	<input checked="" type="checkbox"/>	Yes
		5 DHLW Co-Disposal Hanford Disposal Container Inner Barrier	N/A		N/A	<input checked="" type="checkbox"/>	Yes

Table 8.4-1 Comparison of Results

<i>SDD Number</i>	<i>SDD Name</i>	<i>SSC Name</i>	<i>Level 3</i>	<i>Level 4</i>	<i>Level 5</i>	<i>QA-1/QA-2</i>	<i>Quest.-8</i>
		5 DHLW Co-Disposal Hanford Disposal Container Outer Barrier		N/A			
					N/A	<input checked="" type="checkbox"/>	Yes
WP04	DOE Waste Forms Disposal Containers						
		Aluminum Based Fuel Disposal Container		N/A			
					N/A	<input checked="" type="checkbox"/>	Yes
		Disrupted Fuel Disposal Container		N/A			
					N/A	<input checked="" type="checkbox"/>	Yes
		Intact Oxide Disposal Container		N/A			
					N/A	<input checked="" type="checkbox"/>	Yes
		Thorium Oxide Disposal Container		N/A			
					N/A	<input checked="" type="checkbox"/>	Yes
		Uranium Carbide Disposal Container		N/A			
					N/A	<input checked="" type="checkbox"/>	Yes
		Uranium Metal and Alloy Disposal Container		N/A			
					N/A	<input checked="" type="checkbox"/>	Yes
		Uranium Oxide Disposal Container		N/A			
					N/A	<input checked="" type="checkbox"/>	Yes
		Zirconium Hydride Disposal Container		N/A			
					N/A	<input checked="" type="checkbox"/>	Yes

ATTACHMENT I
List of Acronyms

CDA	Controlled Design Assumptions
CRWMS M&O	Civilian Radioactive Waste Management System Management & Operating Contractor
EBS	Engineered Barrier Segment
FMEA	Failure Modes Effects Analysis
ITRS	Important to Radiological Safety
ITWI	Important to Waste Isolation
MGDS	Mined Geologic Disposal System
NLP	Nevada Line Procedure
QA	Quality Assurance
QAP	Quality Administrative Procedure
QARD	Quality Assurance Requirements and Descriptions
REM	Roentgen Equivalent Man
RDRD	Repository Design Requirements Document
SDD	Systems Description Document
SNF	Spent Nuclear Fuel
SNM	Special Nuclear Material
SSC	Structures, Systems, and Components
TBV	To be verified

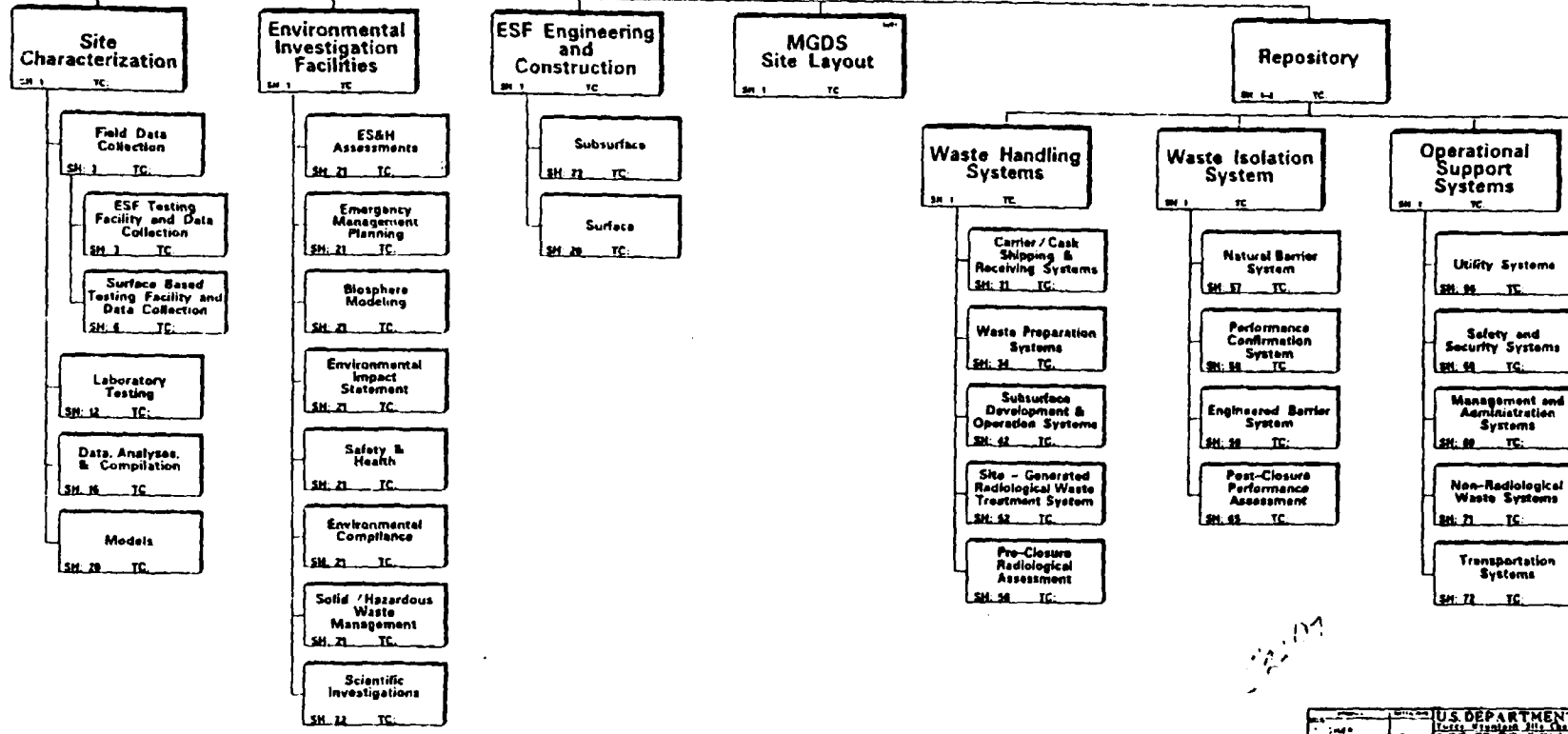
DRAFT

CRWMS

NOTES

- 1. The MGDS Architecture shows the current identified systems, functions, components, and subfunctions structured per the MADS. The architecture will remain and be updated as the MADS evolves.
- 2. Changes to the MADS MADS Architecture require sign-off by the managers of Systems Engineering, Integration, MADS Development and Control Program Operations.
- 3. Program documentation will be tied and released by architecture elements in a table table TC.

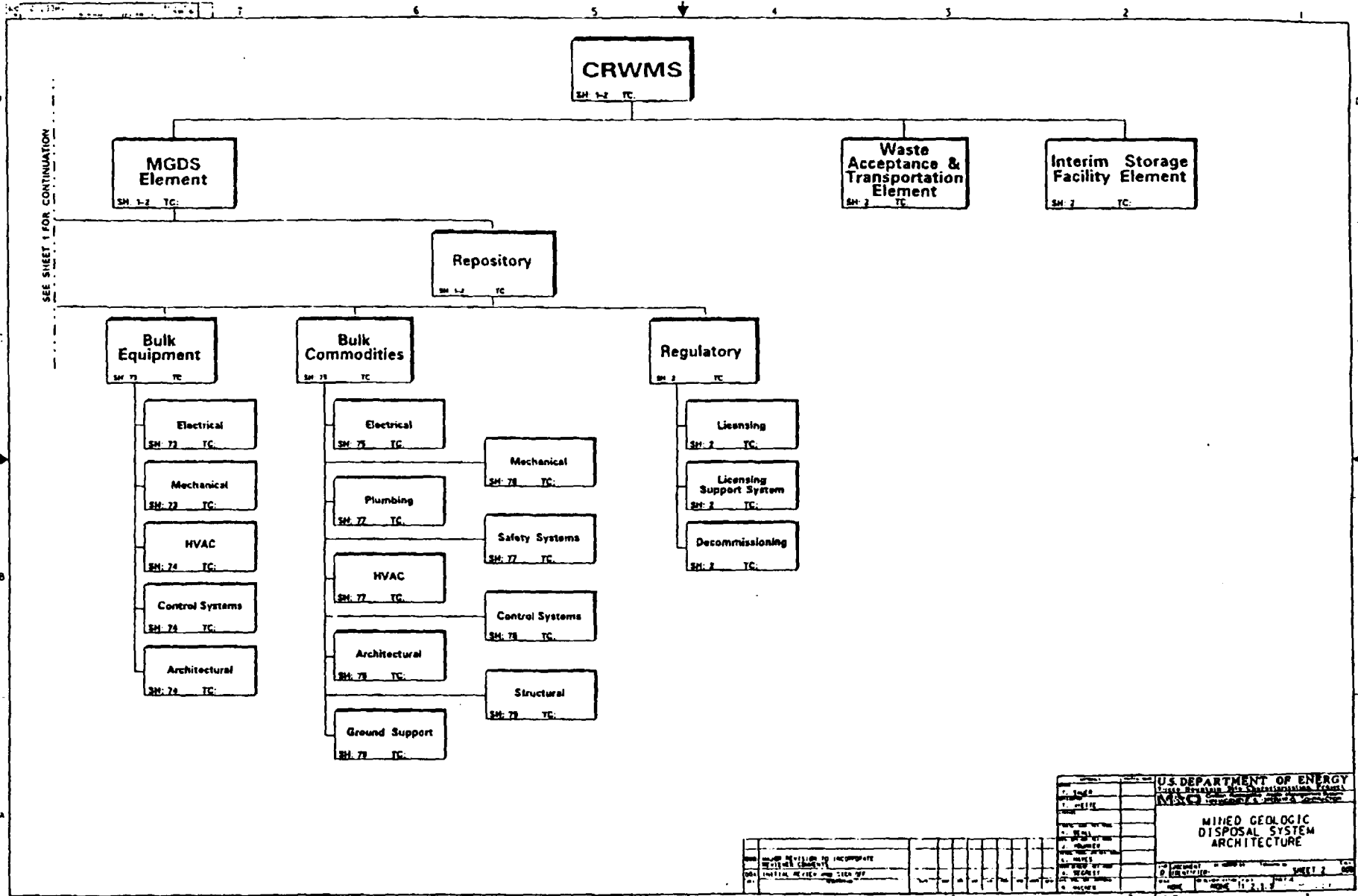
MGDS Element
SH 1-2 TC



SEE SHEET 2 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY	
Yucca Mountain Site Characterization Project	
MADG	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
SHEET 1	
REVISED 11/2/98	

DRAFT



SEE SHEET 1 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY	
Mined Geologic Disposal System Architecture	
M&O	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
NO. 1	NO. 2
NO. 3	NO. 4
NO. 5	NO. 6
NO. 7	NO. 8
NO. 9	NO. 10
NO. 11	NO. 12
NO. 13	NO. 14
NO. 15	NO. 16
NO. 17	NO. 18
NO. 19	NO. 20
NO. 21	NO. 22
NO. 23	NO. 24
NO. 25	NO. 26
NO. 27	NO. 28
NO. 29	NO. 30
NO. 31	NO. 32
NO. 33	NO. 34
NO. 35	NO. 36
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NO. 39	NO. 40
NO. 41	NO. 42
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NO. 69	NO. 70
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NO. 75	NO. 76
NO. 77	NO. 78
NO. 79	NO. 80
NO. 81	NO. 82
NO. 83	NO. 84
NO. 85	NO. 86
NO. 87	NO. 88
NO. 89	NO. 90
NO. 91	NO. 92
NO. 93	NO. 94
NO. 95	NO. 96
NO. 97	NO. 98
NO. 99	NO. 100

Field Data Collection
SN 1 TC

FSF Testing Facility and Data Collection
SN 24 TC

In Situ Testing
SN 24 TC

Thermal Test Facility Above (Above #3)
TC

Soils Above Test
TC

Soils Above Test (Mechanical Effects of Excavation)
TC

Lower Pore Water Contact Above (Above #4)
TC

Upper Penetration of (Non-saturated) Contact Above (Above #3)
TC

Soil Ridge Field Above (Above #2)
TC

Upper Air Contact Above (Above #1)
TC

Radial Bore Hole
TC

Hydro-Physics of Water Table
TC

Hydro-Chemistry
TC

Radial Bore Hole
TC

Hydro-Chemistry
TC

Radial Bore Hole
TC

DCS
TC

Coiled Perimeter
TC

Thermal
TC

Mechanical
TC

Hydrologic
TC

Chemical
TC

Radial Bore Hole
TC

Hydro-Chemistry
TC

Radial Bore Hole
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Hydro-Chemistry
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Radial Bore Hole
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Radial Bore Hole
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Soils Above Test (Mechanical Effects of Excavation)
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U.S. DEPARTMENT OF ENERGY
MIMED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE

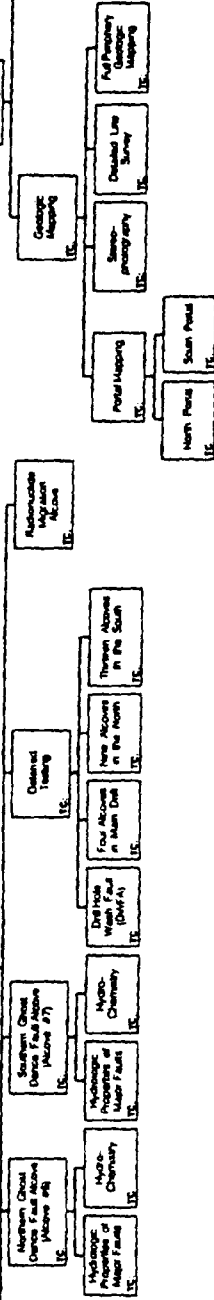
SEE SHEET 3 FOR CONTINUATION

Field Data Collection (B-1) (C)

ESF Testing Facility and Data Collection (B-2) (E)

In Situ Testing (B-3) (E)

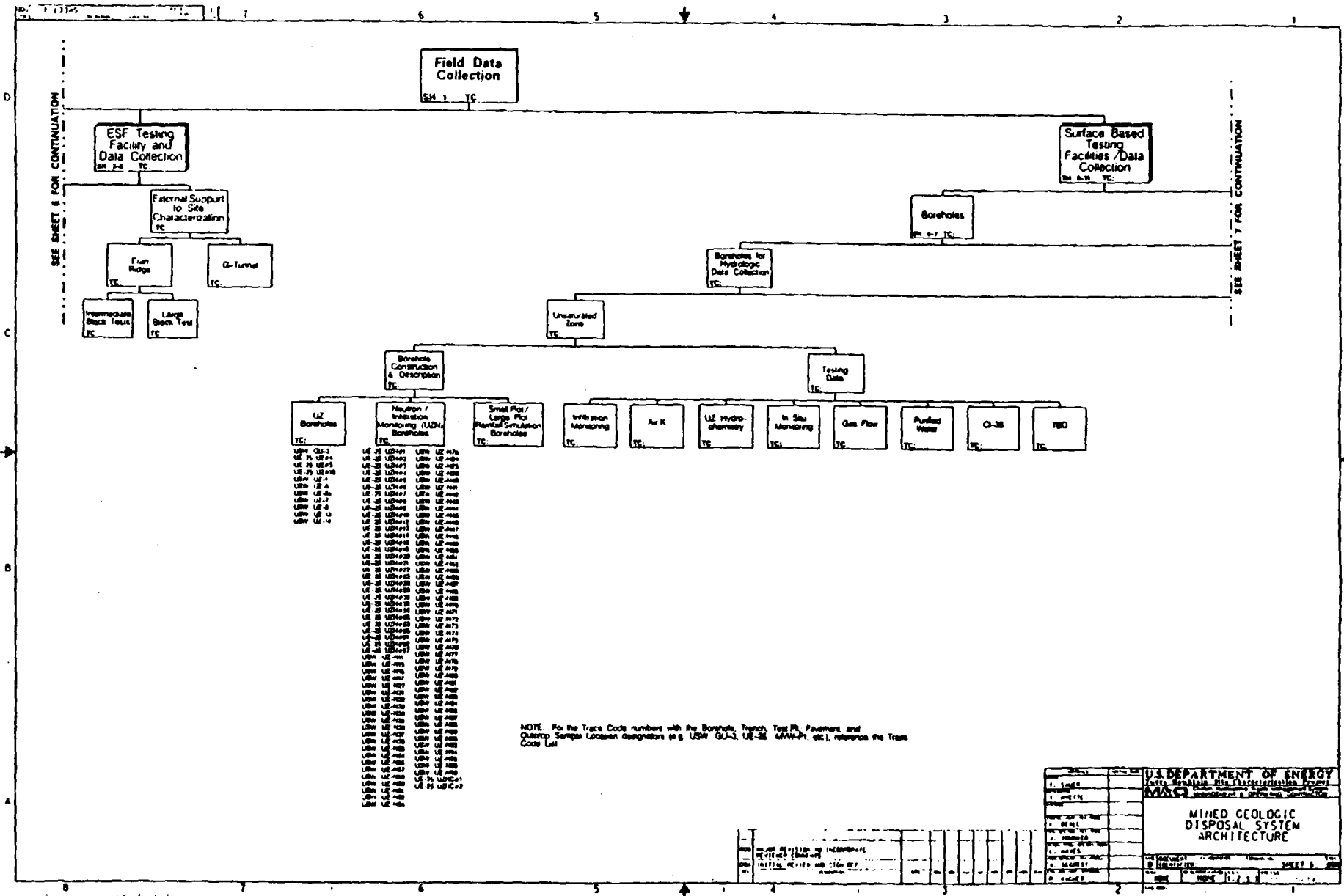
Facility Testing (B-4) (E)



SEE SHEET 3 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY	
OFFICE OF NEUTRON PHYSICS	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
PROJECT NO.	11-117-0200-00134
DATE	11/11/81
BY	...
CHECKED BY	...
APPROVED BY	...
SCALE	AS SHOWN
PROJECT LOCATION	...
PROJECT STATUS	...

NO.	DESCRIPTION	DATE	BY
1
2
3
4
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10



SEE SHEET 6 FOR CONTINUATION

SEE SHEET 7 FOR CONTINUATION

Field Data Collection
SM 1 TC

ESF Testing Facility and Data Collection
SM 2-6 TC

Surface Based Testing Facilities/Data Collection
SM 6-9 TC

External Support to Site Characterization
TC

Boreholes
SM 6-7 TC

Fish Ridge
TC

G-Tunnel
TC

Boreholes for Hydrologic Data Collection
TC

Intermediate Stack Test
TC

Large Stack Test
TC

Unsanitized Zone
TC

Borehole Construction & Description
TC

Testing Data
TC

LIZ Boreholes
TC

Neutron / Inelastic Monitoring (LIZ) Boreholes
TC

Small Pit/Large Pit Potential Simulation Boreholes
TC

Vibration Monitoring
TC

Air K
TC

LIZ Hydro-chemistry
TC

In Situ Monitoring
TC

Gas Flow
TC

Purified Water
TC

O-38
TC

TBO
TC

- USW GU-1
- USW GU-2
- USW GU-3
- USW GU-4
- USW GU-5
- USW GU-6
- USW GU-7
- USW GU-8
- USW GU-9
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- USW GU-14

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- USW GU-93
- USW GU-94
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- USW GU-96
- USW GU-97
- USW GU-98
- USW GU-99
- USW GU-100

NOTE: For the Trace Code numbers with the Borehole, Trench, Test Pit, Pavement, and Quicorp Sample Location Designators (e.g. USW GU-1, UE-28, 6AW-P1, etc.), reference the Trace Code List.

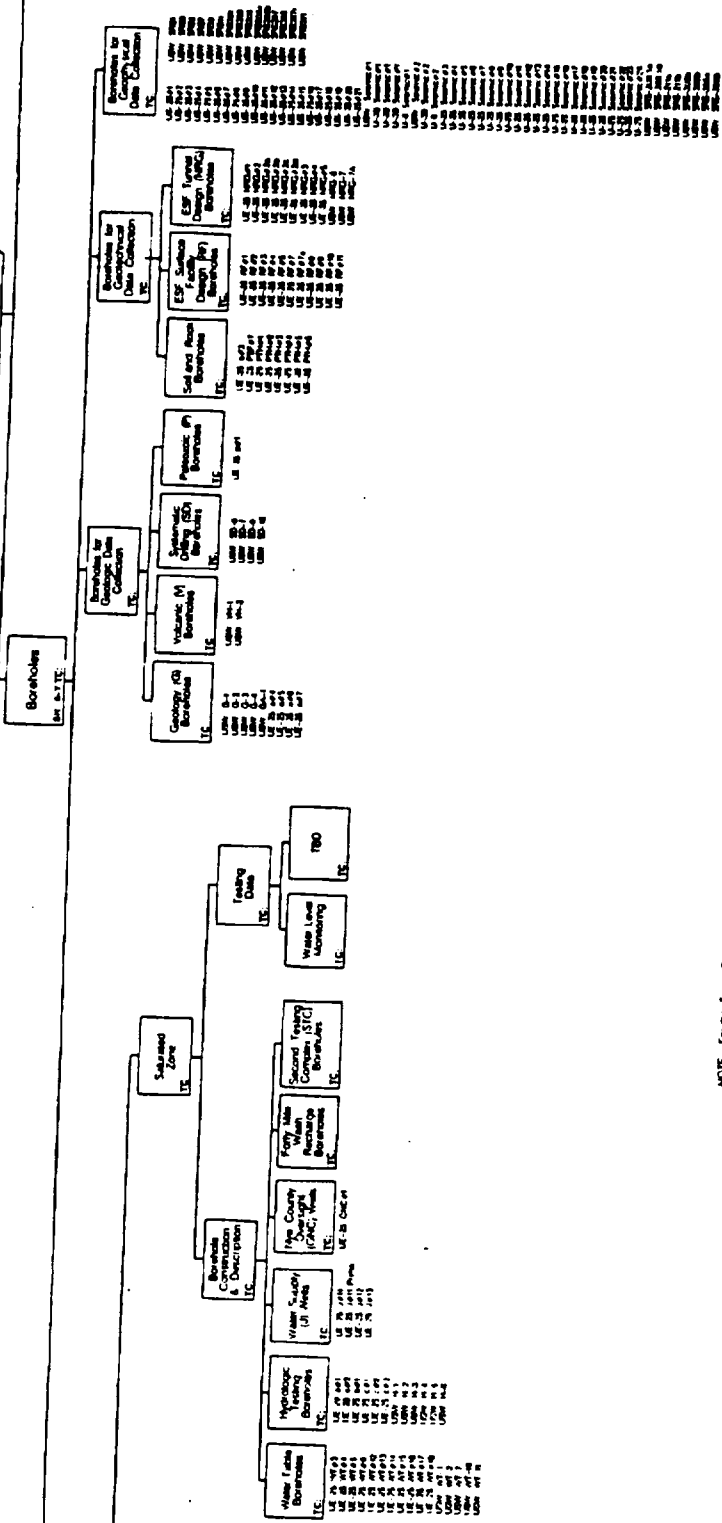
U.S. DEPARTMENT OF ENERGY	
Waste Isolation Pilot Plant (WIPP) Project	
MINE GEOL. DISPOSAL SYSTEM ARCHITECTURE	
SHEET 6	

SEE SHEET 8 FOR CONTINUATION

SEE SHEET 6 FOR CONTINUATION

Field Data Collection
SH. 1 I.C.

Surface Based Testing Facilities/Data Collection
SH. 2 I.C.



NOTE: For the Trace Code numbers with the Borehole, Length, Test Pit, Payment, and Quarry Sample Location designations (e.g. USW, GSA, GE-23, SH-1, etc.), reference the Trace Code List.

U.S. DEPARTMENT OF ENERGY
 FEDERAL BUREAU OF INVESTIGATION
 AVIATION
 MINED, GEOLOGIC
 DISPOSAL SYSTEM
 ARCHITECTURE

Field Data
Collection
SH-1 TC

Surface Based
Testing
Facilities /Data
Collection
SH-8 TC

Trenches
TC

Fault Studies
TC

Faulting near
Surface
Facilities
TC

Faulting in
Site Area
TC

Faulting
within 100km
of Site
TC

Northwest-
Trending
Fault
TC

North Ramp
Trench
TC

Peaceford
Trench
TC

Soil Trenches
TC

Stagecoach
Road Fault
TC

Parrish
Canyon
Fault
TC

Bow
Ridge
Fault
TC

Chase
Dance
Fault
TC

Sellers
Canyon
Fault
TC

Drill Hole
Wash
Fault
TC

Peggy
Wash
Fault
TC

Fatigue
Wash
Fault
TC

Windy
Wash
Fault
TC

Cedar Flat
Fault
TC

Bar
Mountain
Fault
TC

Beady
Scarp
TC

Rock Valley
Fault Zone
TC

Kyle
Canyon
Soil Trenches
TC

Other
Soil Trenches
TC

Volcanic
Stages
Trenches
TC

Lithop
Weeds
(SW) Trenches
TC

NOTE: For the Trace Code numbers with the Burrows, Trench, Test Pit, Pavement, and
Outcrop Sample Location designations (e.g. USW-0A-3 UE-25 MWW-PI, etc.), reference the Trace
Code List

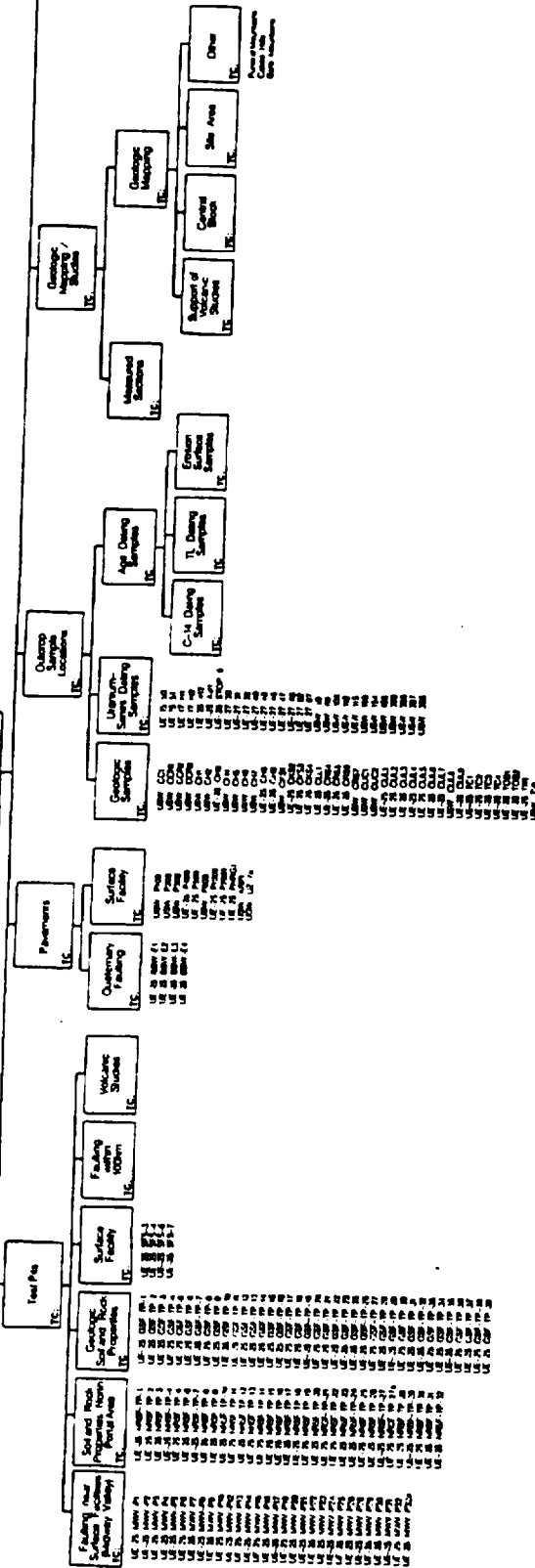
US DEPARTMENT OF ENERGY									
DOE/EE-004									
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE									

1. NAME	
2. DATE	
3. SCALE	
4. AUTHOR	
5. CHECKED	
6. APPROVED	
7. REVISION	
8. DATE	
9. BY	
10. REASON	

NO.	DATE	BY	REASON

Field Data Collection
SH. 1 IC

Surface Based Testing Facilities/Data Collection
SH. 2-11 IC



NOTE: For the Trace Code numbers with the Boron, Trench, Test Pit, Parameters, and Quaternary Sample Location designation (e.g. USM, GUL, UR, US, MW, P, etc.) reference the Trace Code List.

U.S. DEPARTMENT OF ENERGY
MINERAL RESOURCES DIVISION
Mined Geologic Disposal System Architecture

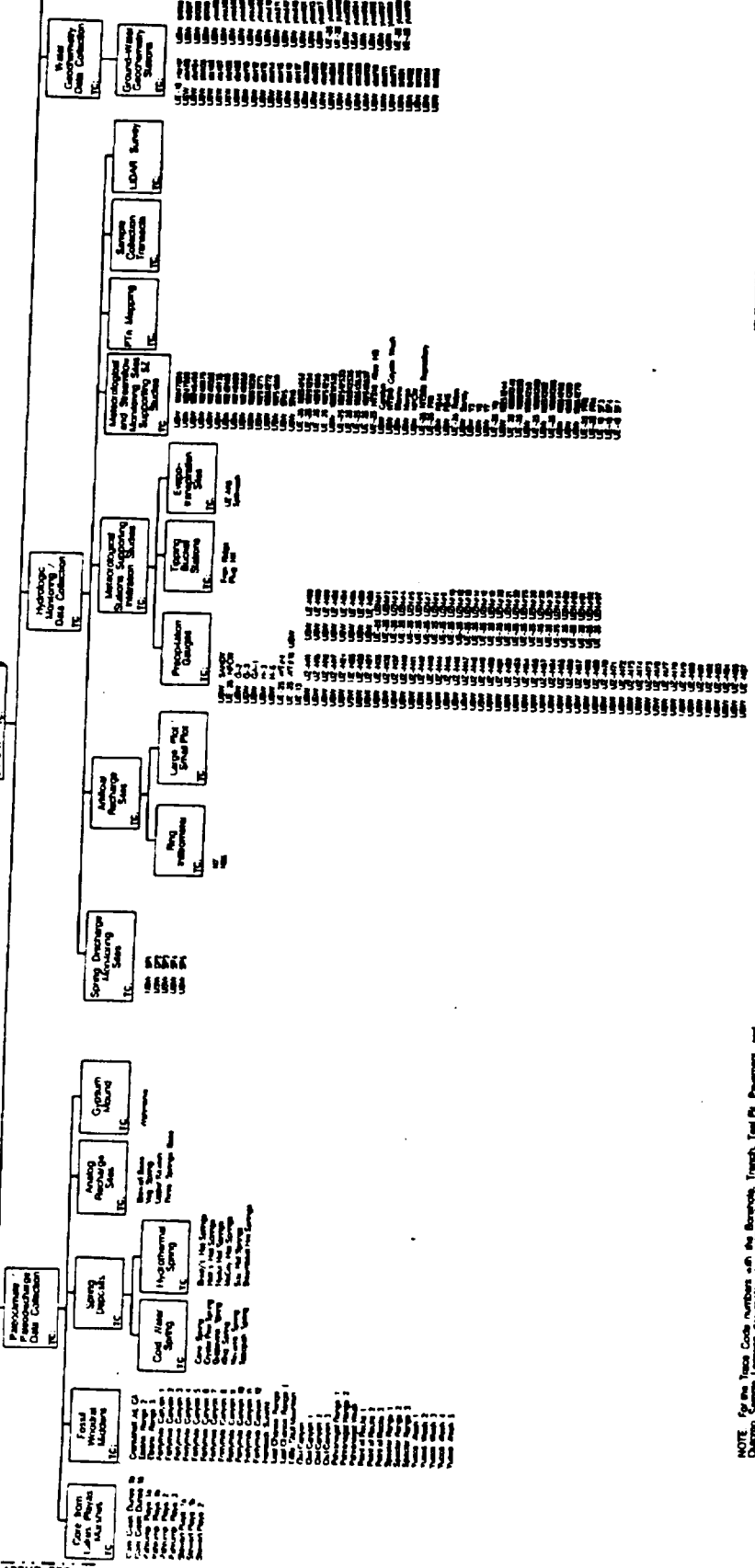
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2. PROJECT	
3. DRAWING NO.	
4. SHEET NO.	
5. DATE	
6. SCALE	
7. DRAWN BY	
8. CHECKED BY	
9. APPROVED BY	
10. DATE	

11. FIELD NO.	
12. LOCATION	
13. DATE	
14. TIME	
15. WEATHER	
16. SURFACE	
17. VEGETATION	
18. SOIL	
19. ROCK	
20. STRUCTURE	
21. OTHER	

SEE SHEET 9 FOR CONTINUATION

Field Data Collection

Surface Based Testing Facilities / Data Collection



SEE SHEET 9 FOR CONTINUATION

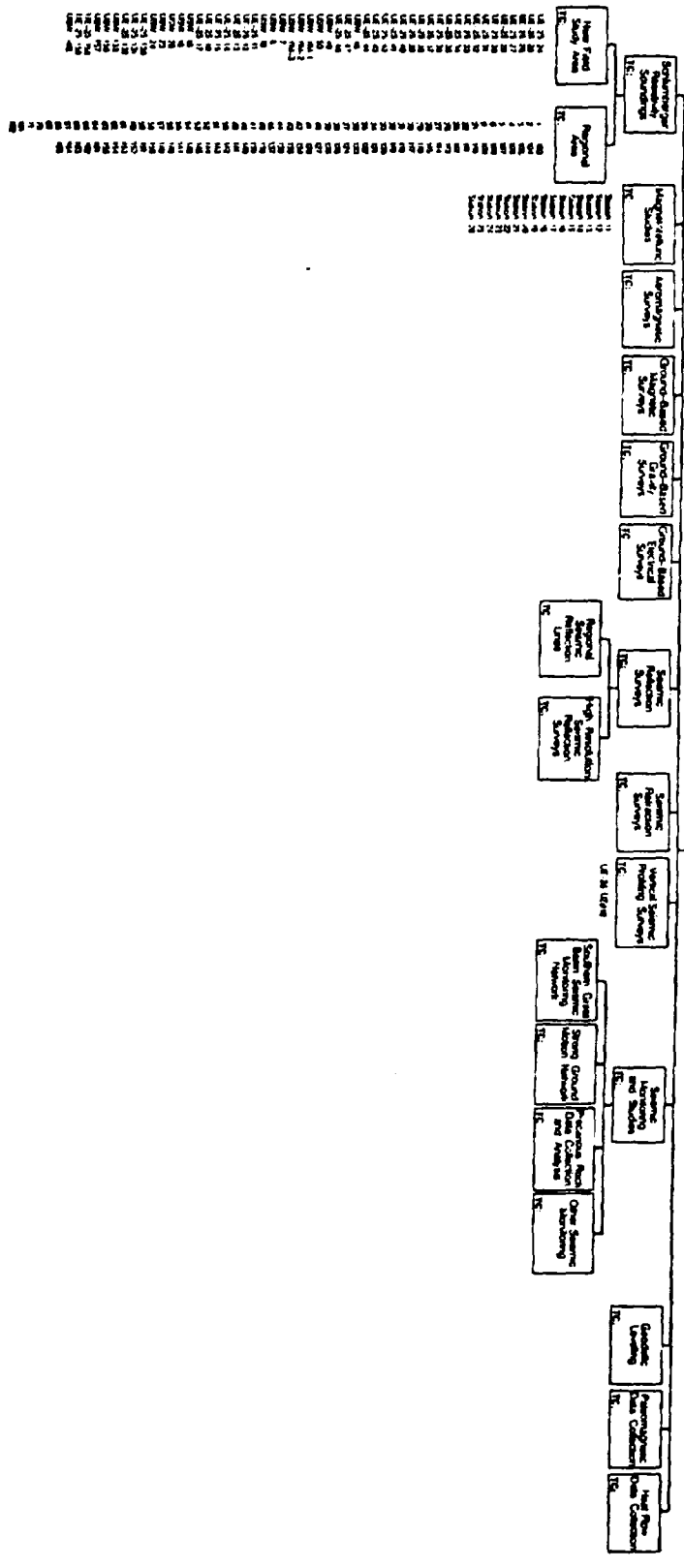
NOTE: For the Trace Code numbers with the Symbols, Trace, Tail, P, Pressure, and Count, Sample Location description, e.g. USW, GWS, USW, GWS, etc., indicates the Trace.

U.S. DEPARTMENT OF ENERGY		PROJECT NO.	01717-0200-00134
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE		DATE	11/14/80
MINE NO.		STATE	UTAH
PROJECT NO.		COUNTY	MOHAVE
PROJECT NAME		CITY/TOWNSHIP	MOHAVE
PROJECT LOCATION		SECTION	11
PROJECT TYPE		TOWNSHIP	36N
PROJECT SCALE		RANGE	12E
PROJECT STATUS		ZONE	4E
PROJECT DESIGN		SECTION	11
PROJECT PLAN		TOWNSHIP	36N
PROJECT MAP		RANGE	12E
PROJECT SHEET		ZONE	4E

Field Data Collection
Sub 1 TC

Surface Based Testing Facilities Data Collection
Sub 2 TC

Geophysical Data Collection
Sub 3 TC



NOTE: For the Test Code numbers see the Appendix Tables. For the Sample and Analyte Sample Location designators see USDF DWS 10/20 (Rev. 11/21) Appendix B, Table Code List.

SEE SHEET 10 FOR CONTINUATION

SEE SHEET 12 FOR CONTINUATION

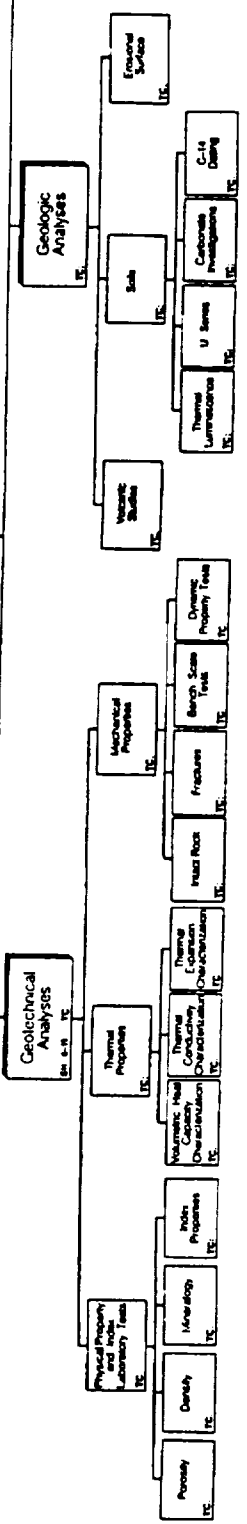
Method	Code	Description
Solvent/Heavy Metals	TC	
Inorganic Solids	TC	
Inorganic Anions	TC	
Groundwater Analytic	TC	
Groundwater Data	TC	
Groundwater Technical	TC	
Radiological	TC	
Radiological Release	TC	
High Resolution	TC	
Environmental	TC	
Environmental Monitoring	TC	
Surface Water Monitoring	TC	
Spring Ground Monitoring and Station	TC	
Domestic	TC	
Domestic Monitoring	TC	
Drinking Water Collection	TC	
Hand Disposal	TC	
Seismic	TC	
Microseismic	TC	
Magnetotelluric	TC	
Magnetotelluric Station Monitoring	TC	
Magnetotelluric Station Monitoring	TC	

U.S. DEPARTMENT OF ENERGY
MINE SAFETY AND HEALTH
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE
 SHEET 11 OF 12

0 1 2 3 4 5 6 7

SEE SHEET 11 FOR CONTINUATION

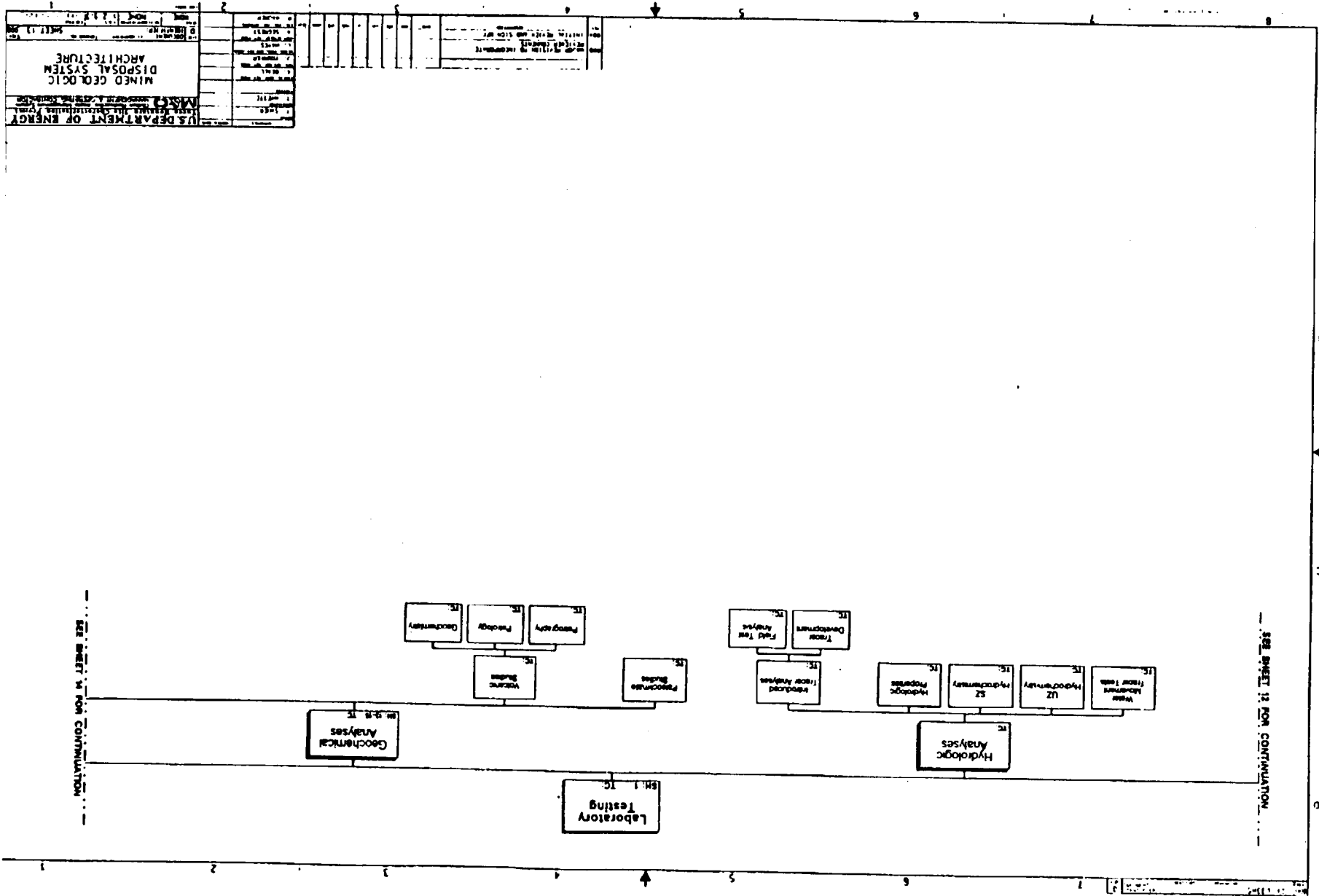
Laboratory Testing
 84-1



SEE SHEET 10 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
1. NAME	2. PROJECT TITLE
3. DATE	4. SCALE
5. SHEET NO.	6. TOTAL SHEETS
7. DRAWN BY	8. CHECKED BY
9. APPROVED BY	10. DATE

11	12	13	14	15	16	17	18	19	20

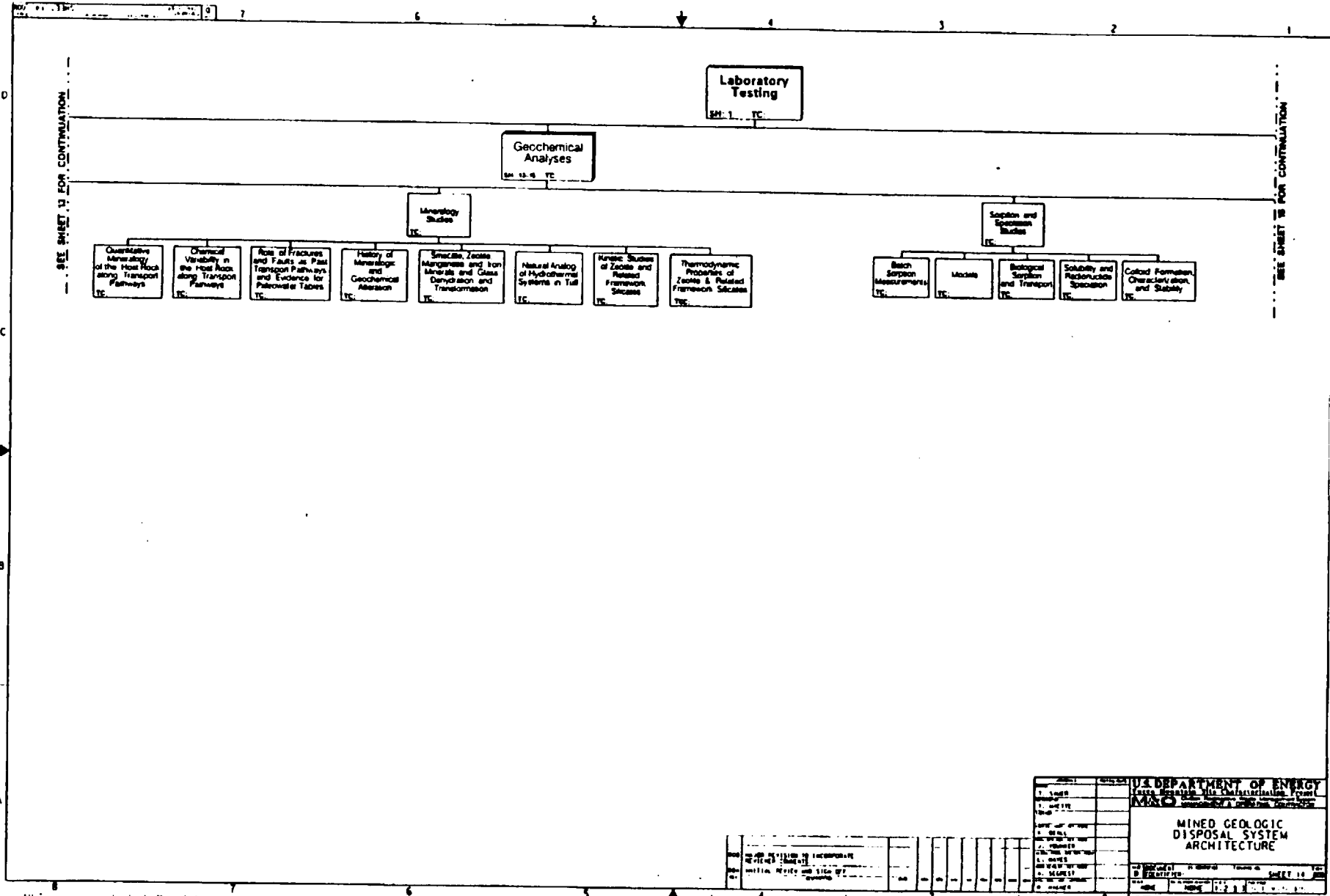


SEE SHEET 14 FOR CONTINUATION

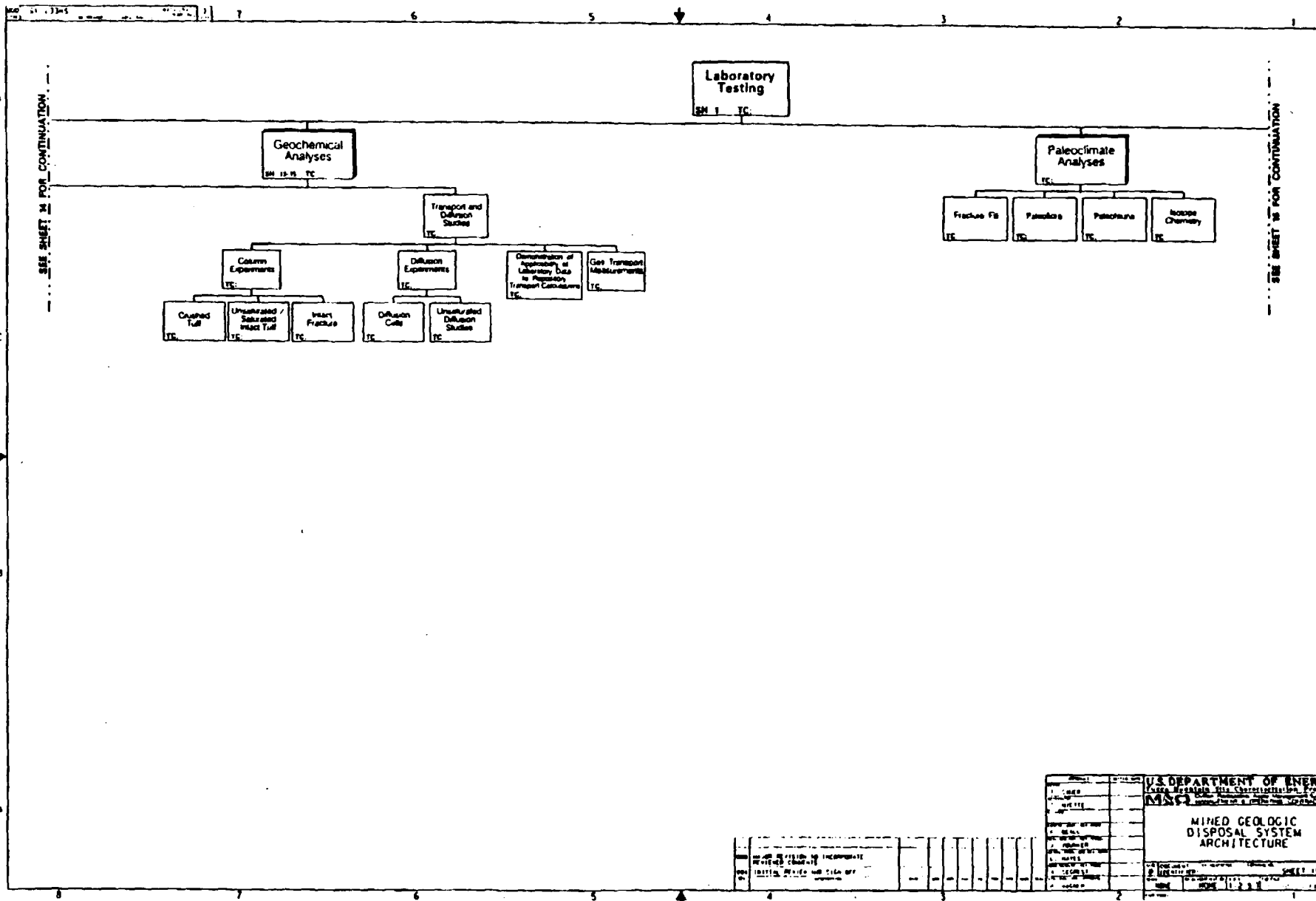
SEE SHEET 12 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY
 MINE SAFETY AND HEALTH ADMINISTRATION
 Mined Geologic Disposal System Architecture

NO.	DESCRIPTION	DATE	BY
1	Initial Design	10/1/80	J. L. ...
2	Final Design	11/1/80	J. L. ...
3	Construction	12/1/80	J. L. ...
4	Operation	1/1/81	J. L. ...
5	Maintenance	2/1/81	J. L. ...
6	Shutdown	3/1/81	J. L. ...
7	Restart	4/1/81	J. L. ...
8	Final Report	5/1/81	J. L. ...



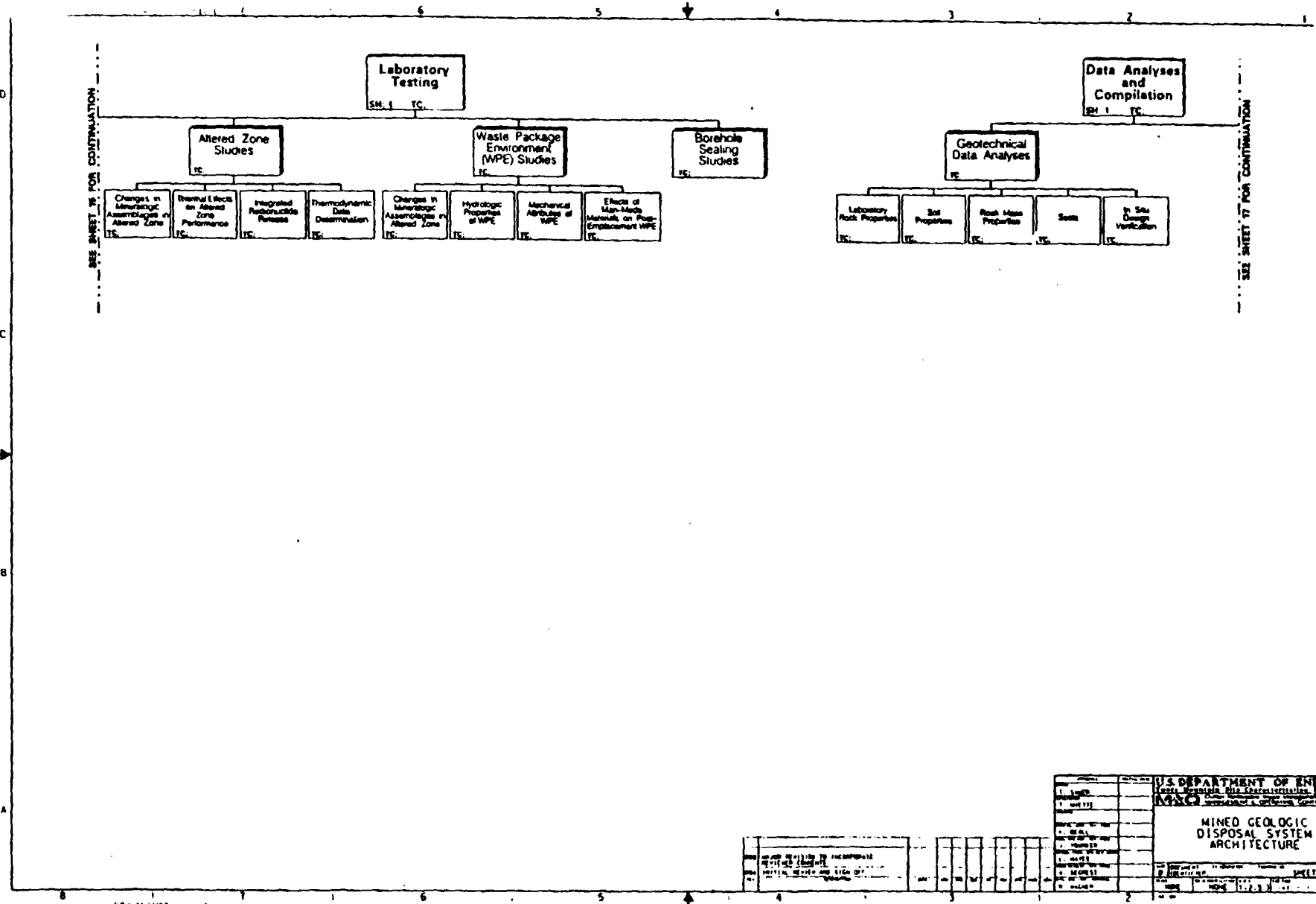
U.S. DEPARTMENT OF ENERGY Office of Environmental Research and Development MDO	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
PROJECT NO. 12-14	
DATE: 12/14/77	
BY: [Name]	
CHECKED BY: [Name]	
APPROVED BY: [Name]	
TITLE: [Title]	
SHEET 14 OF 14	



SEE SHEET 14 FOR CONTINUATION.

SEE SHEET 15 FOR CONTINUATION.

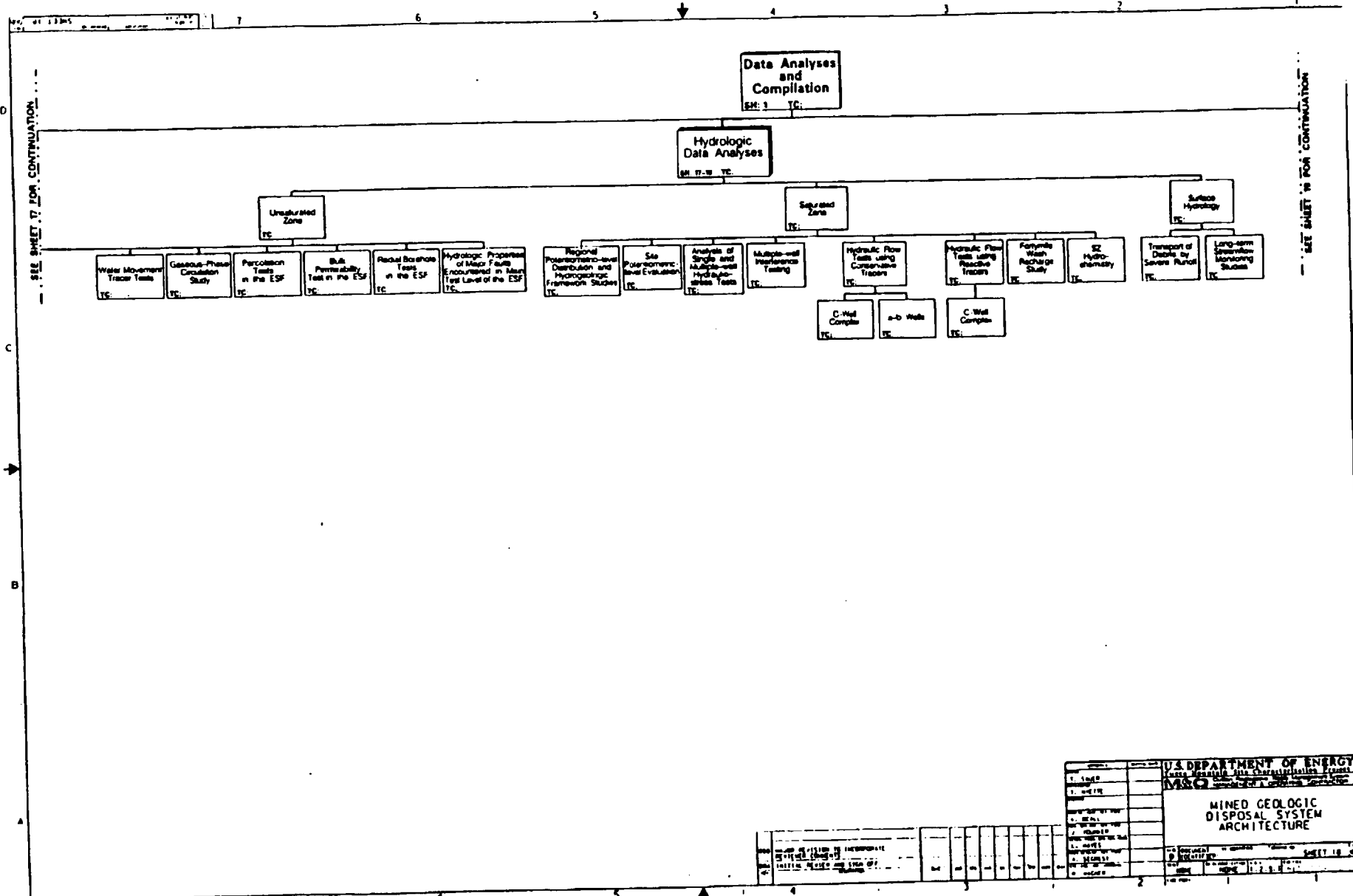
U.S. DEPARTMENT OF ENERGY	
Office of Research, Development, and Technology	
MINE GEOL. DIV.	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
PROJECT NO.	11-2-88
DATE	11-2-88
BY	
CHECKED BY	
APPROVED BY	
REVISIONS	
NO.	DESCRIPTION
1	ISSUED FOR DESIGN AND CONSTRUCTION
2	REVISED CONCEPT
3	ISSUED FOR FIELD AND CONSTRUCTION



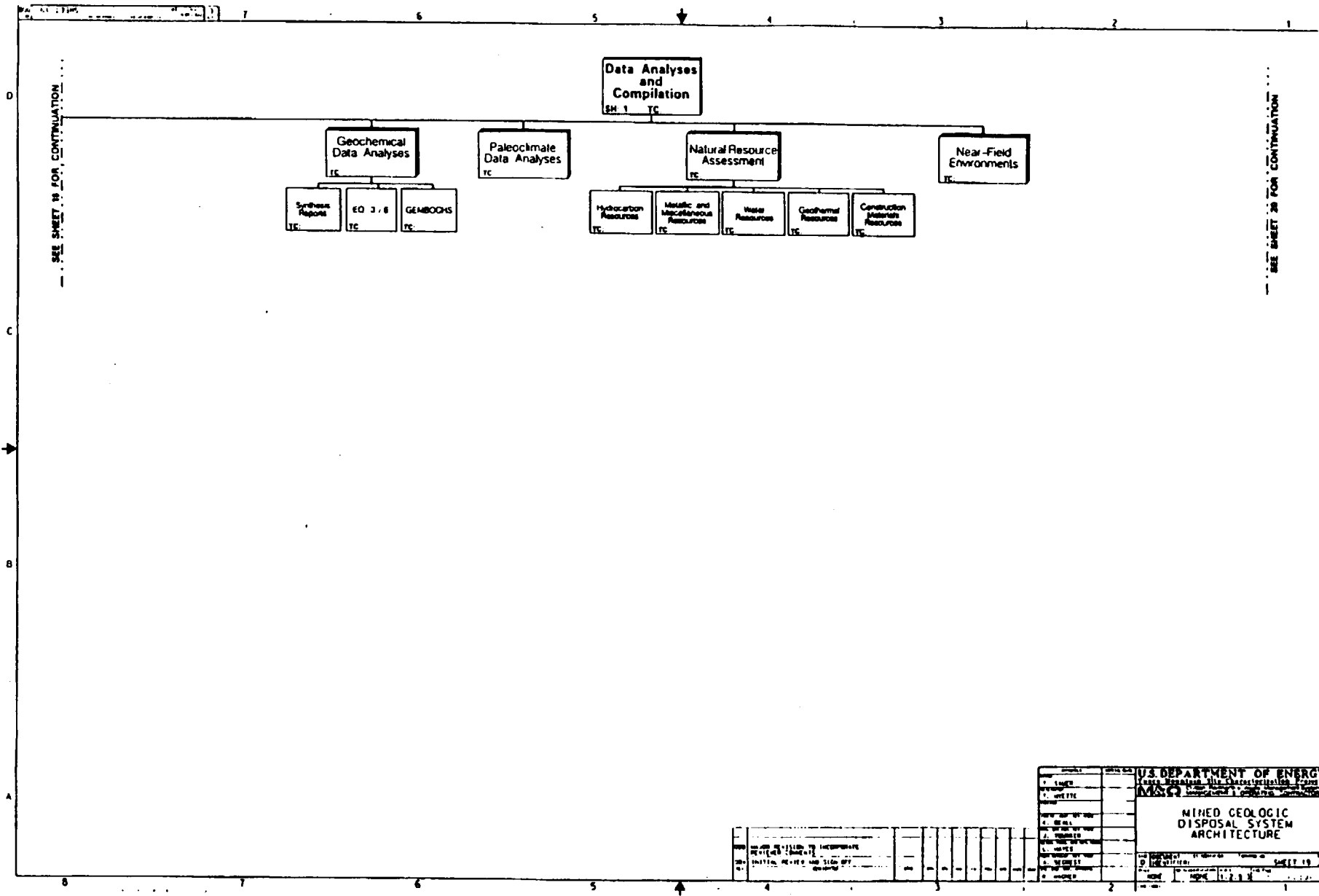
SEE SHEET 16 FOR CONTINUATION

SEE SHEET 17 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY	
Mined Geologic Disposal System Architecture Project	
M&O	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
1. DATE	11/19/88
2. BY	SM, I, TC
3. CHECKED BY	SM, I, TC
4. APPROVED BY	SM, I, TC
5. DATE	11/19/88
6. SHEET NO.	16
7. TOTAL SHEETS	17

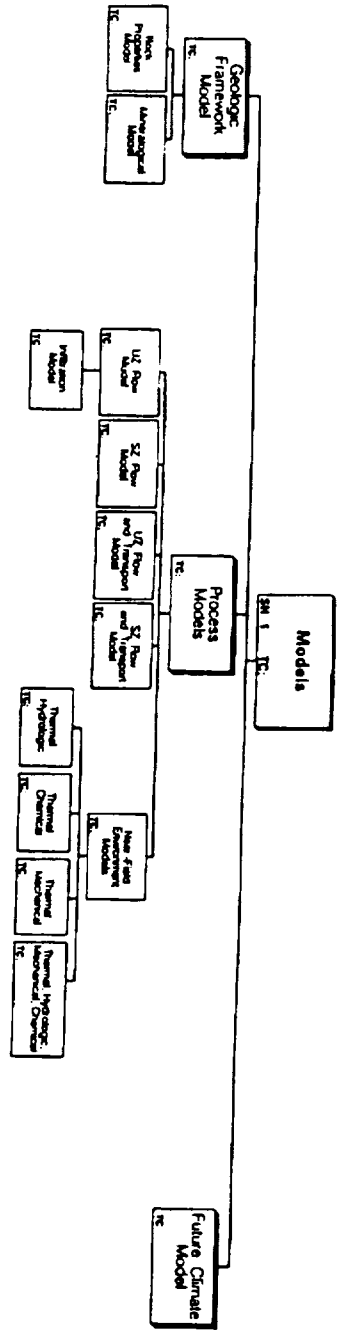


U.S. DEPARTMENT OF ENERGY	
Yucca Mountain Site Characterization Project	
MSO	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
SHEET 18 OF 20	



NO. OF SHEETS	NO. OF PAGES	U.S. DEPARTMENT OF ENERGY Waste Isolation and Characterization Project WISCAP Environmental Characterization Program
40	100	
TITLE:		MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE
PROJECT NO.:		
DATE:	SCALE:	DRAWN BY:
CHECKED BY:	APPROVED BY:	DATE:
PROJECT NO.:	SHEET NO.:	TOTAL SHEETS:
PROJECT NO.:	SHEET NO.:	TOTAL SHEETS:
PROJECT NO.:	SHEET NO.:	TOTAL SHEETS:

SEE SHEET 19 FOR CONTINUATION



SEE SHEET 21 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY	
MINED GEOLGIC DISPOSAL SYSTEM ARCHITECTURE	
NO.	DESCRIPTION
1	U2 Flow Model
2	S2 Flow Model
3	U2 Flow and Transport Model
4	S2 Flow and Transport Model
5	Thermal Hydraulic Model
6	Thermal Chemical Model
7	Thermal Transport Model
8	Thermal Hydrogeologic Model
9	Management Model
10	Future Climate Model

SEE SHEET 20 FOR CONTINUATION

SEE SHEET 21 FOR CONTINUATION

ES&H Assessments
SM: 1 TC:

Emergency Management Planning
SM: 1 TC:

Biosphere Modeling
SM: 1 TC:

Environmental Impact Statement
SM: 1 TC:

Safety & Health
SM: 1 TC:

Environmental Compliance
SM: 1 TC:

Solid / Hazardous Waste Management
SM: 1 TC:

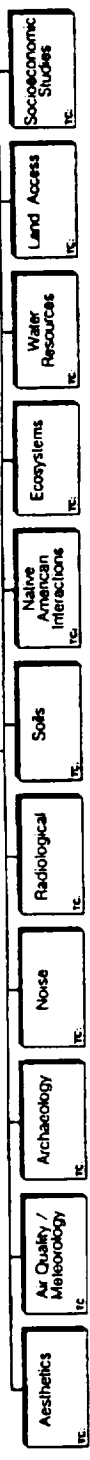
NOTE: All elements on this sheet are first level indentures of the EF shown on sheet 1

U.S. DEPARTMENT OF ENERGY		Mined Geologic Disposal System	
MSO		Mined Geologic Disposal System	
Mined Geologic Disposal System		ARCHITECTURE	
SHEET 21		OF 21	

0 1 2 3 4 5 6 7

SEE SHEET 21 FOR CONTINUATION

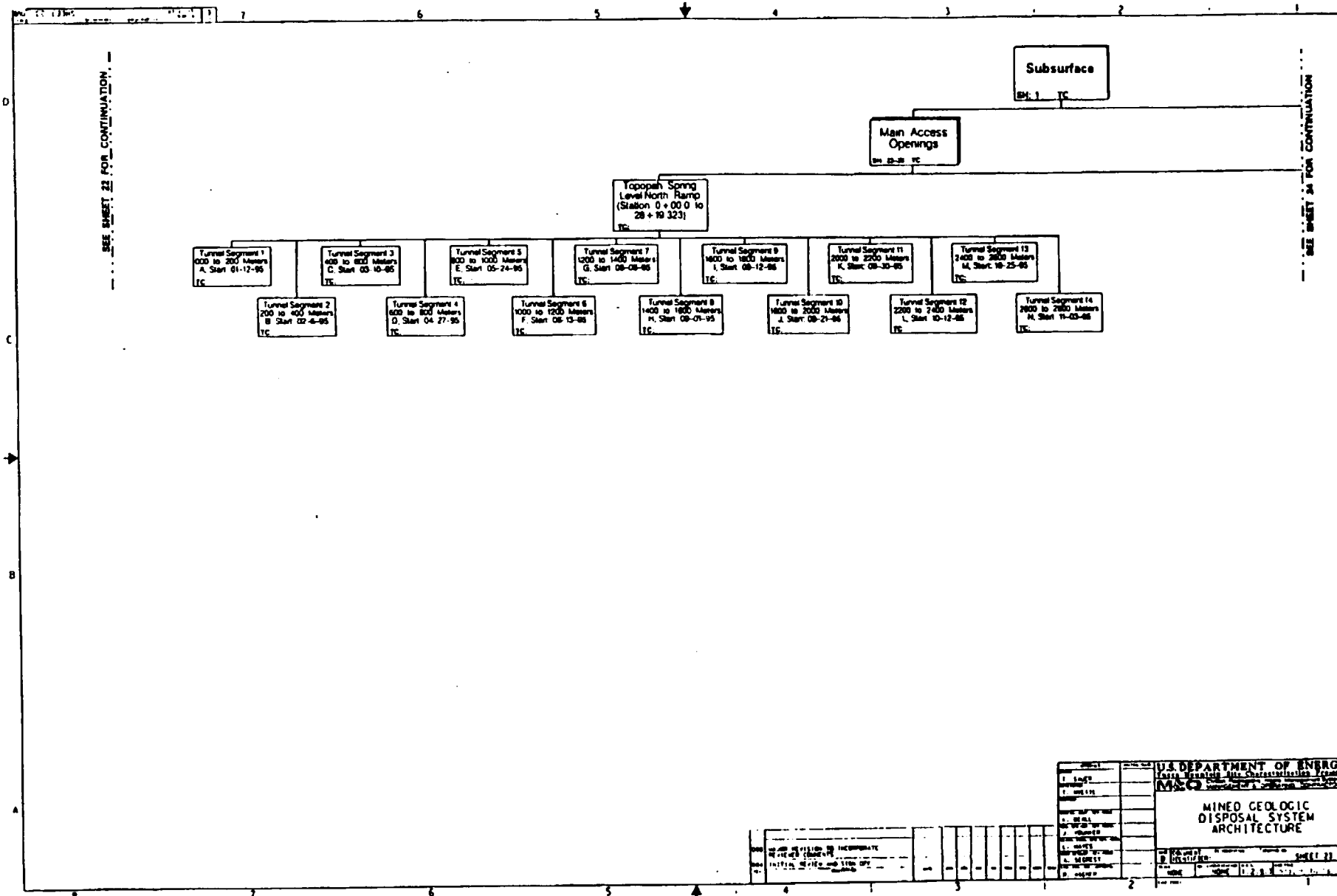
Scientific Investigations



SEE SHEET 21 FOR CONTINUATION

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MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
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NO. 107	NO. 108
NO. 109	NO. 110
NO. 111	NO. 112
NO. 113	NO. 114
NO. 115	NO. 116
NO. 117	NO. 118
NO. 119	NO. 120
NO. 121	NO. 122
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NO. 199	NO. 200

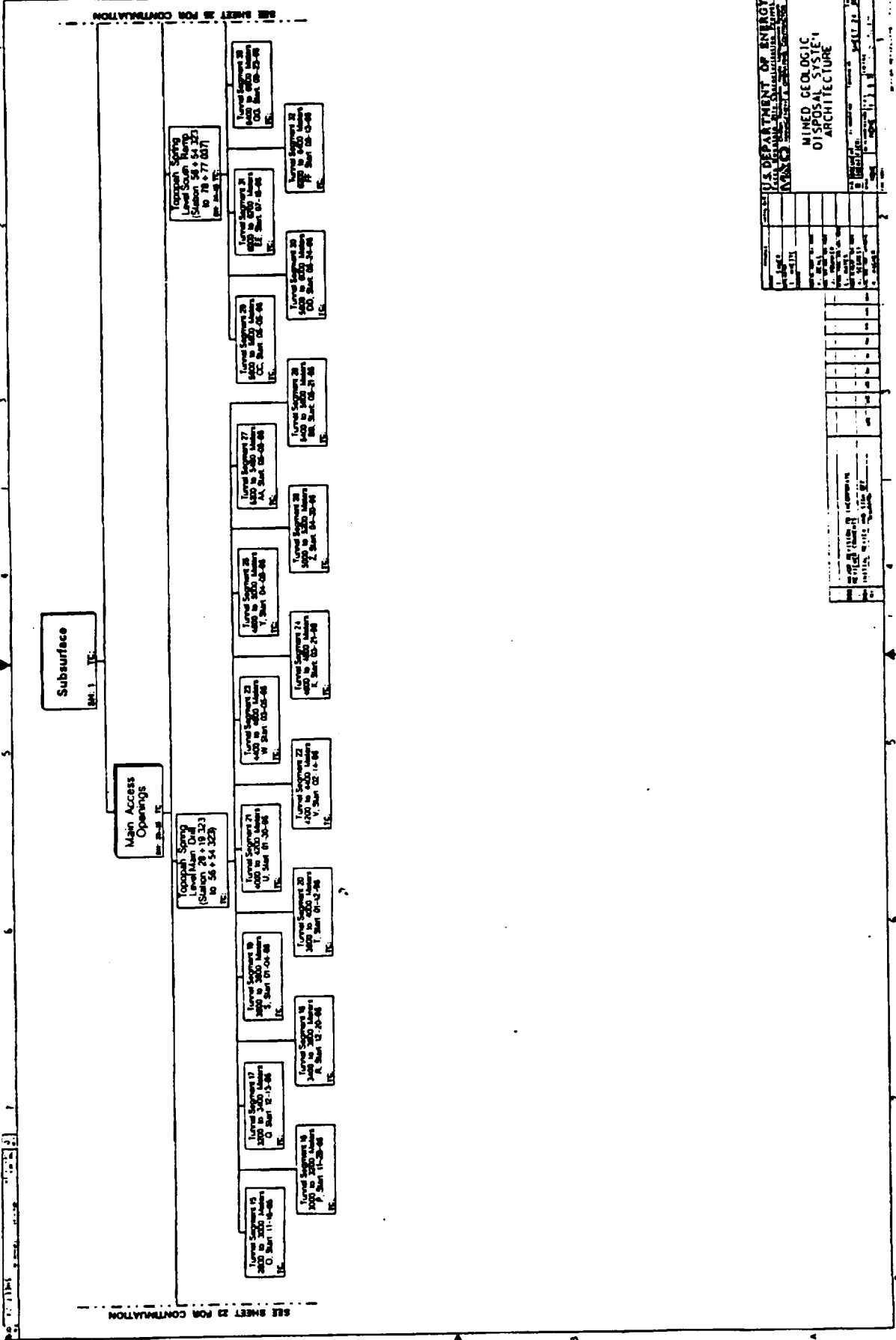
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NO. 193	NO. 194
NO. 195	NO. 196
NO. 197	NO. 198
NO. 199	NO. 200



SEE SHEET 22 FOR CONTINUATION.

SEE SHEET 24 FOR CONTINUATION.

U.S. DEPARTMENT OF ENERGY	
Yopopah Spring Site Characterization Project	
M&O	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
DATE	12/28/95
BY	...
APP'D	...
CHECKED	...
DESIGNED	...
DRAWN	...
SCALE	...
PROJECT NO.	...
SHEET NO.	...

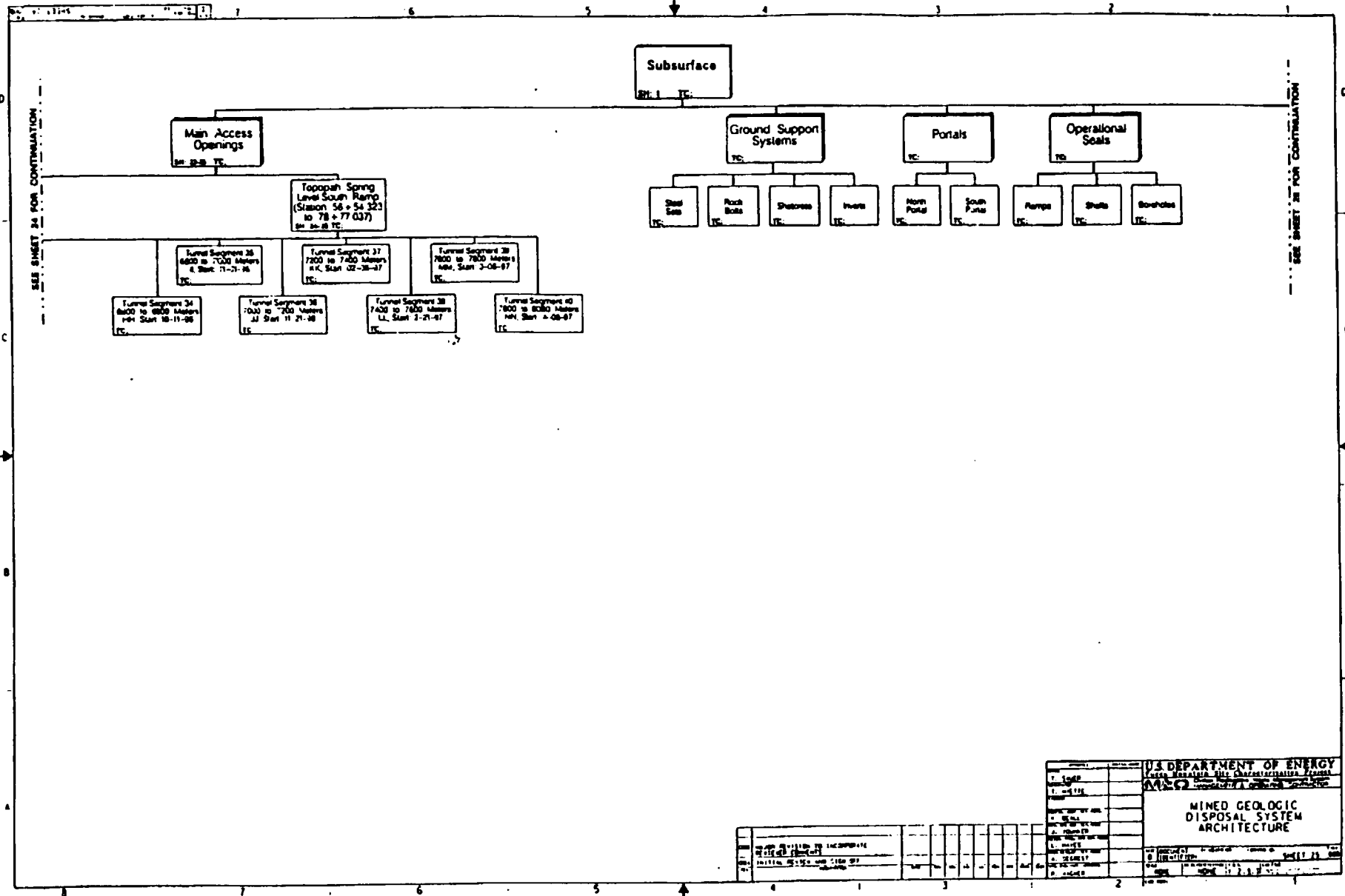


SEE SHEET 23 FOR CONTINUATION

SEE SHEET 22 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY
 OFFICE OF NEUTRON PHYSICS
 DIVISION OF NEUTRON PHYSICS
 NATIONAL BUREAU OF STANDARDS
 GAITHERSBURG, MARYLAND 20899

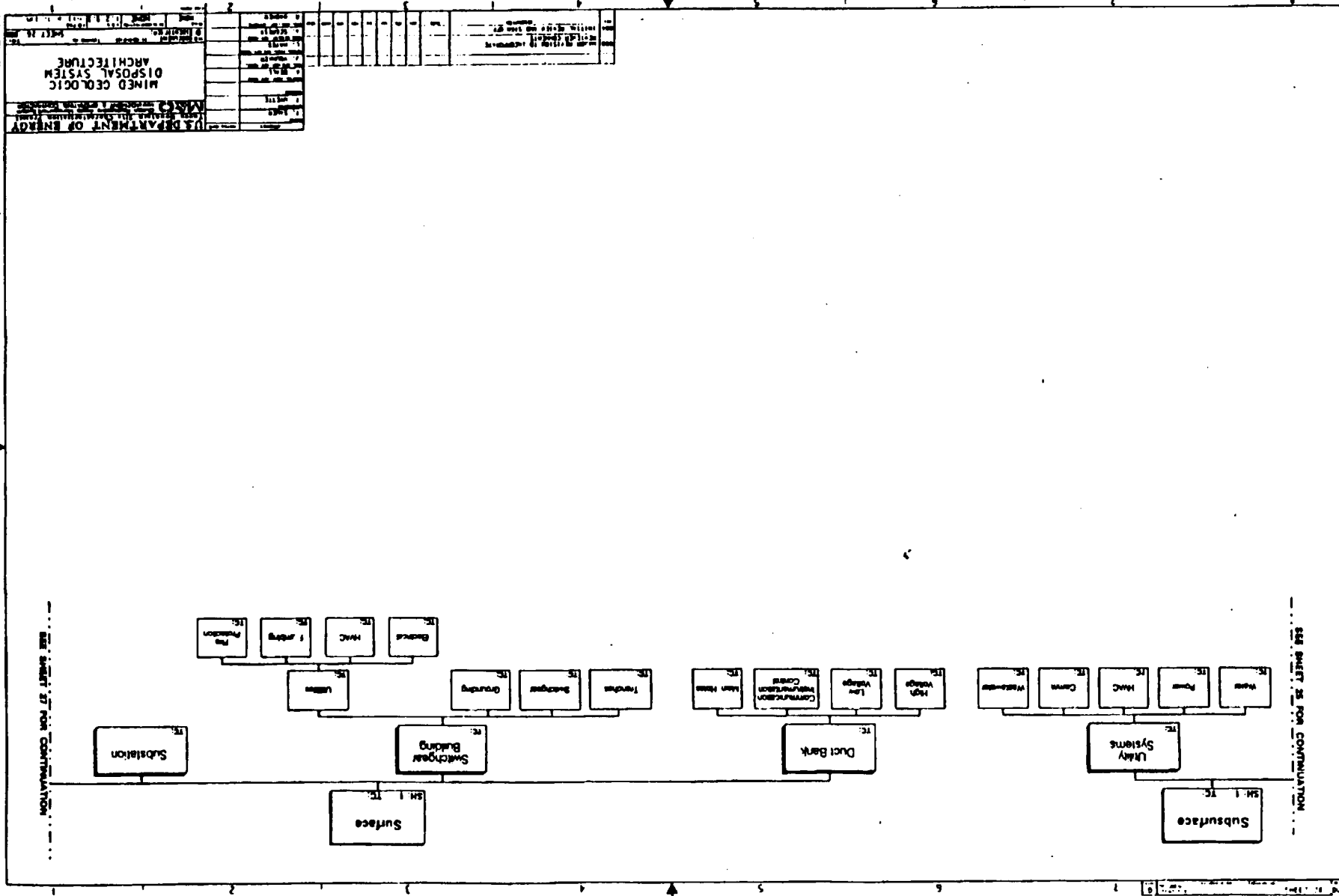
MINED GEOLOGIC
 DISPOSAL SYSTEM
 ARCHITECTURE



SEE SHEET 24 FOR CONTINUATION

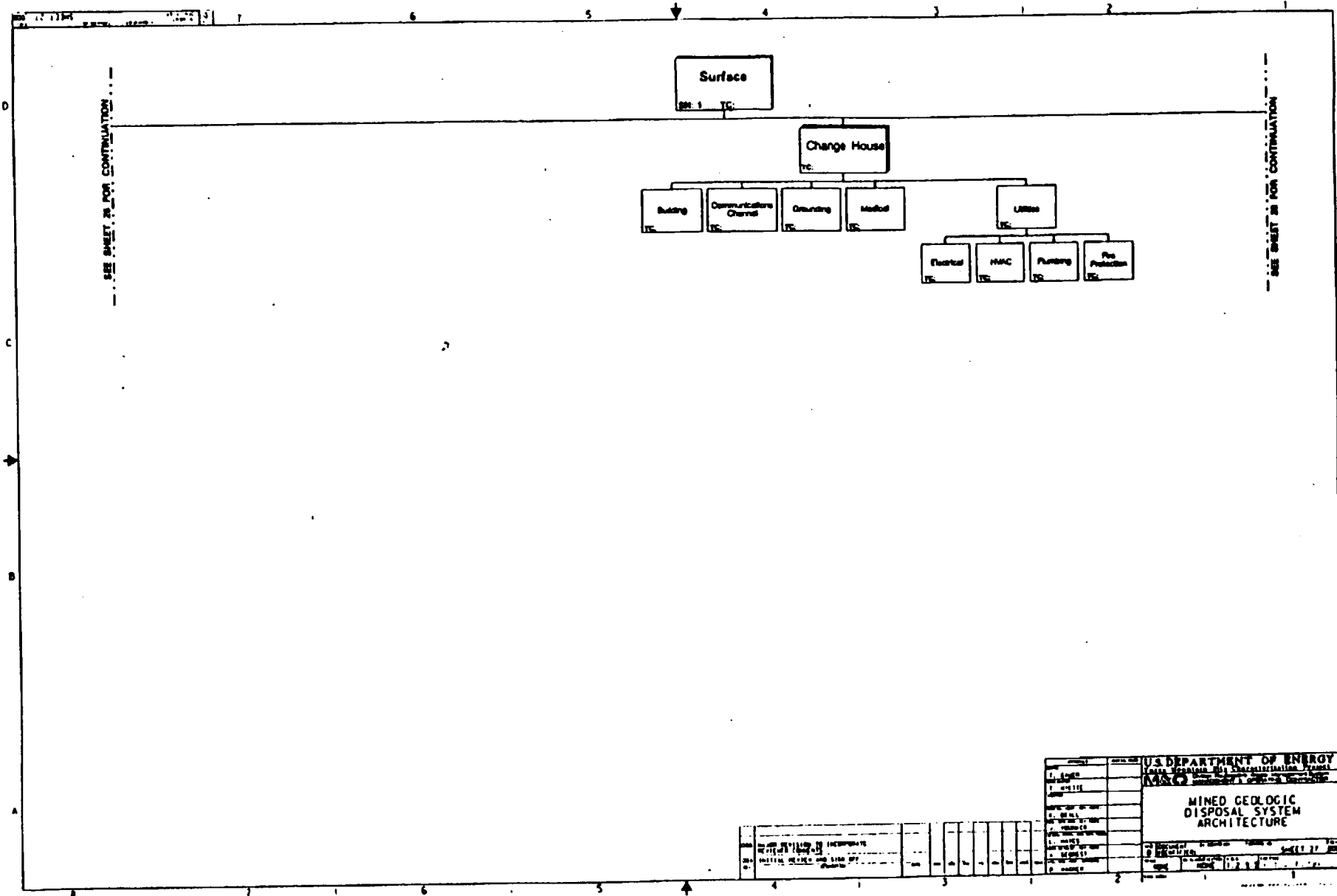
SEE SHEET 23 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY	
Mined Geologic Disposal System Architecture	
Project No. 11717-0200-00134	Revision 00
Author: [Name]	Checked: [Name]
Approved: [Name]	Date: [Date]
Scale: [Scale]	Sheet: 11 of 12



SEE SHEET 25 FOR CONTINUATION

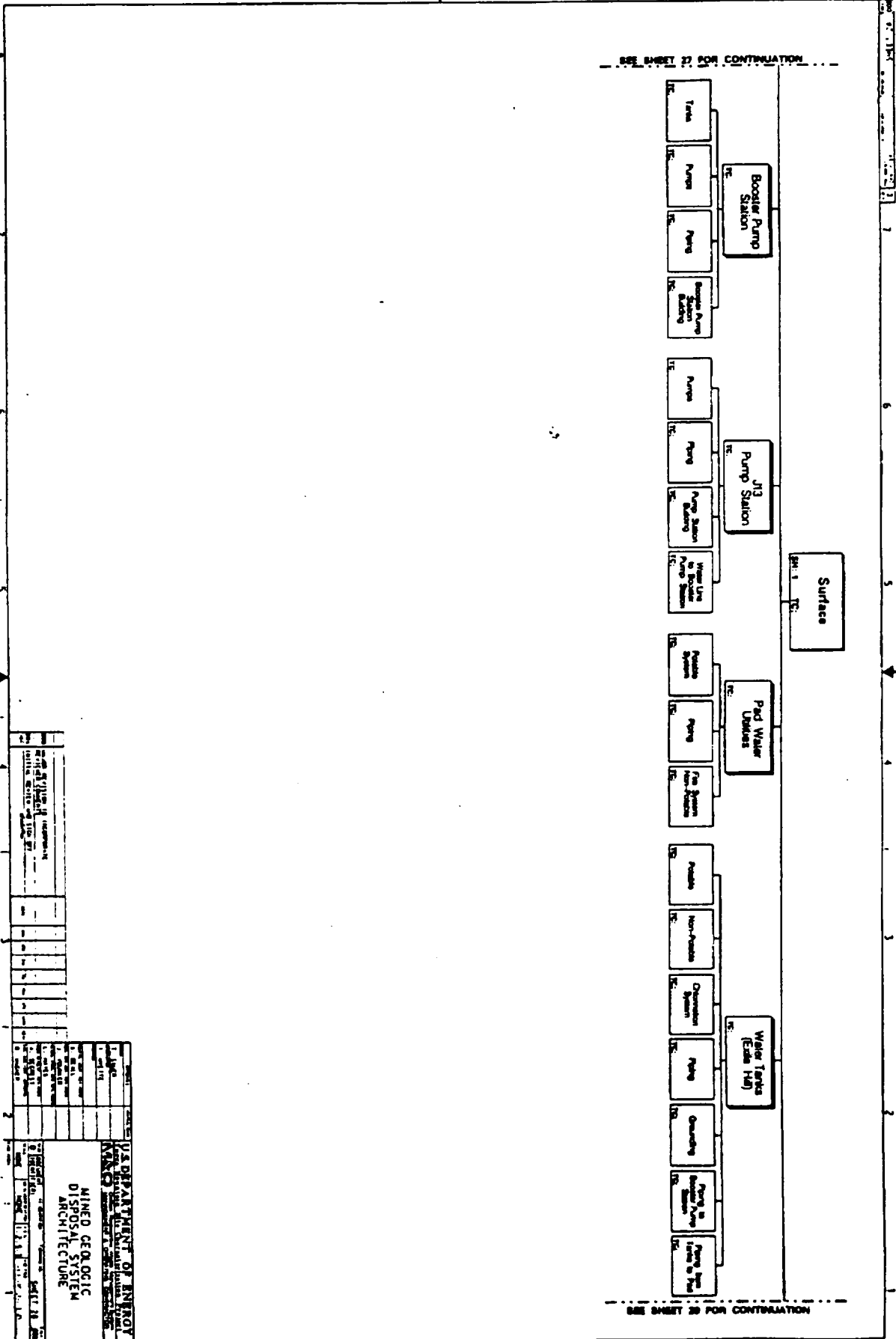
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3. DESCRIPTION	3. DESCRIPTION	3. DESCRIPTION	3. DESCRIPTION
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6. APPROVED BY	6. APPROVED BY	6. APPROVED BY	6. APPROVED BY
7. PROJECT NO.	7. PROJECT NO.	7. PROJECT NO.	7. PROJECT NO.
8. SHEET NO.	8. SHEET NO.	8. SHEET NO.	8. SHEET NO.



SEE SHEET 28 FOR CONTINUATION

SEE SHEET 29 FOR CONTINUATION

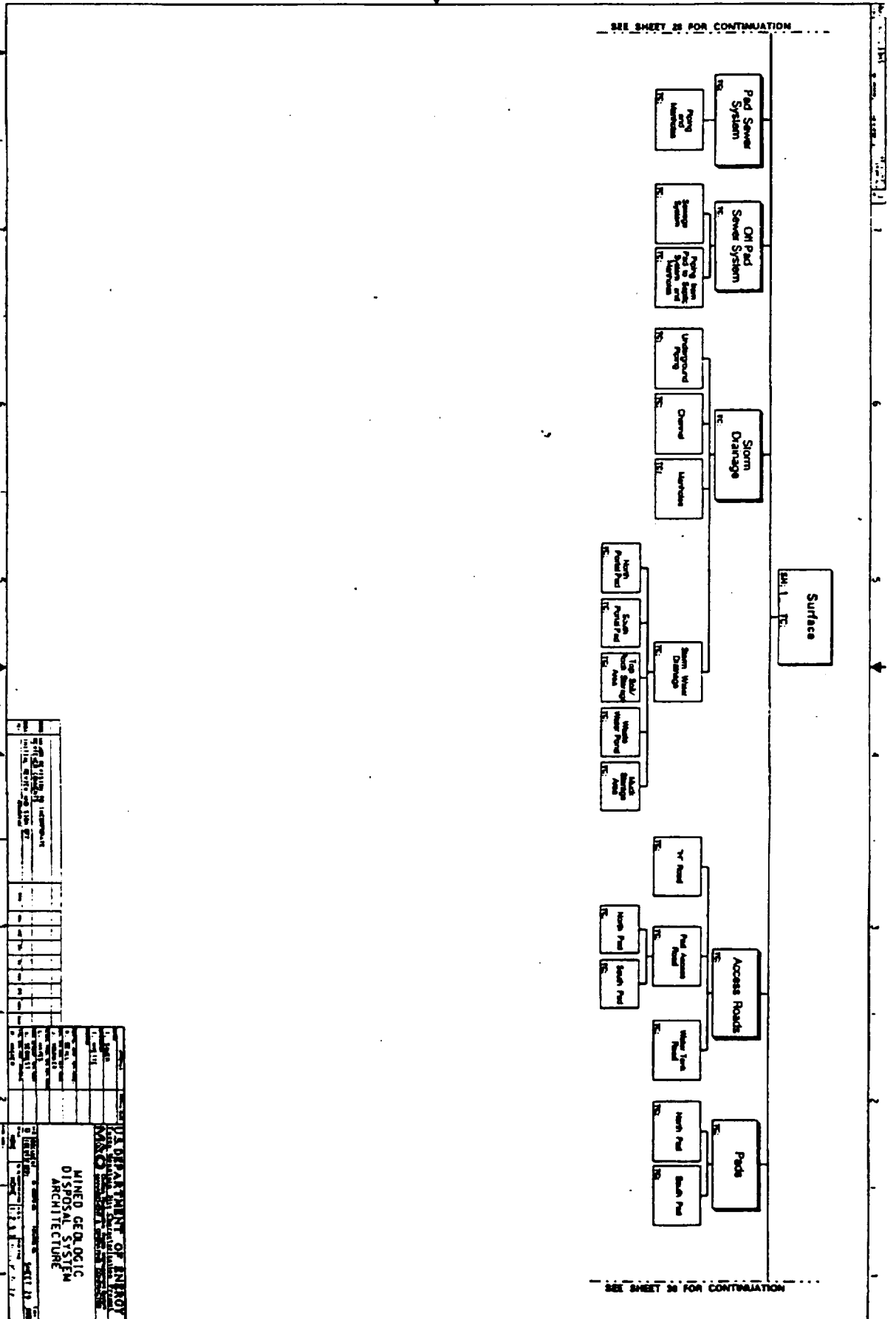
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M&O	
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4. PROJECT NO.	11-27
5. DRAWING NO.	11-27
6. REVISIONS	
7. APPROVED BY	
8. CHECKED BY	
9. DATE	

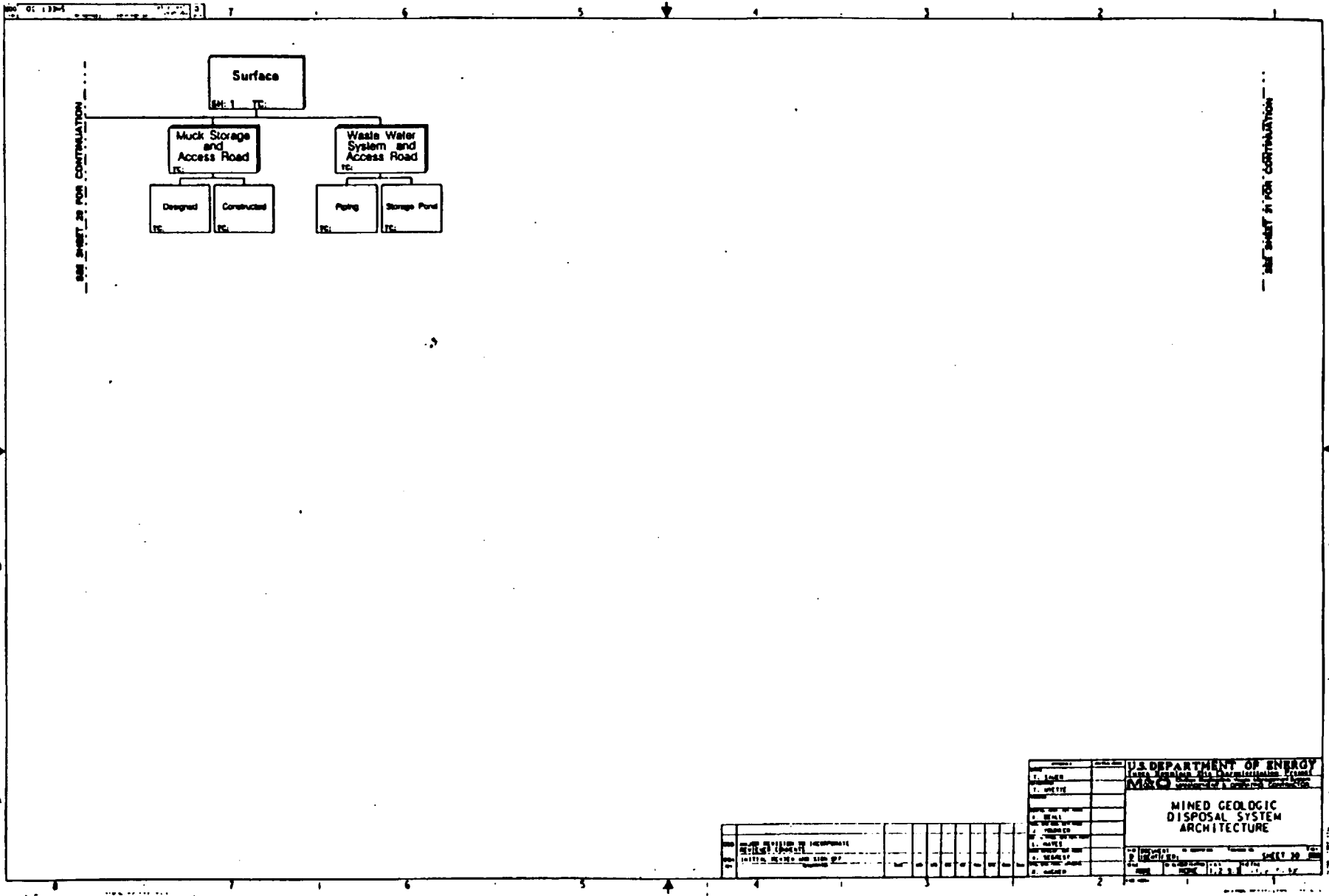


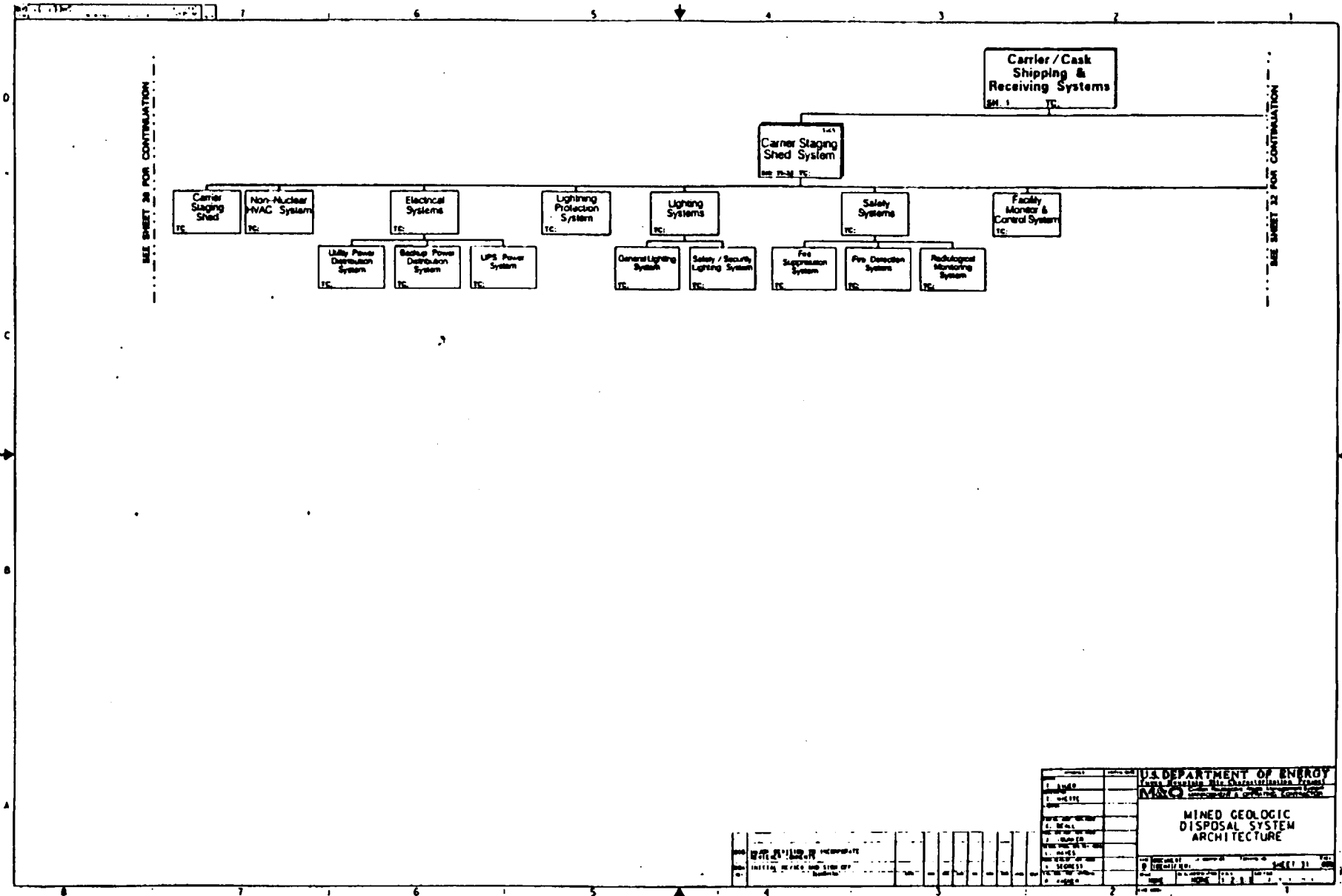
SEE SHEET 27 FOR CONTINUATION

SEE SHEET 28 FOR CONTINUATION

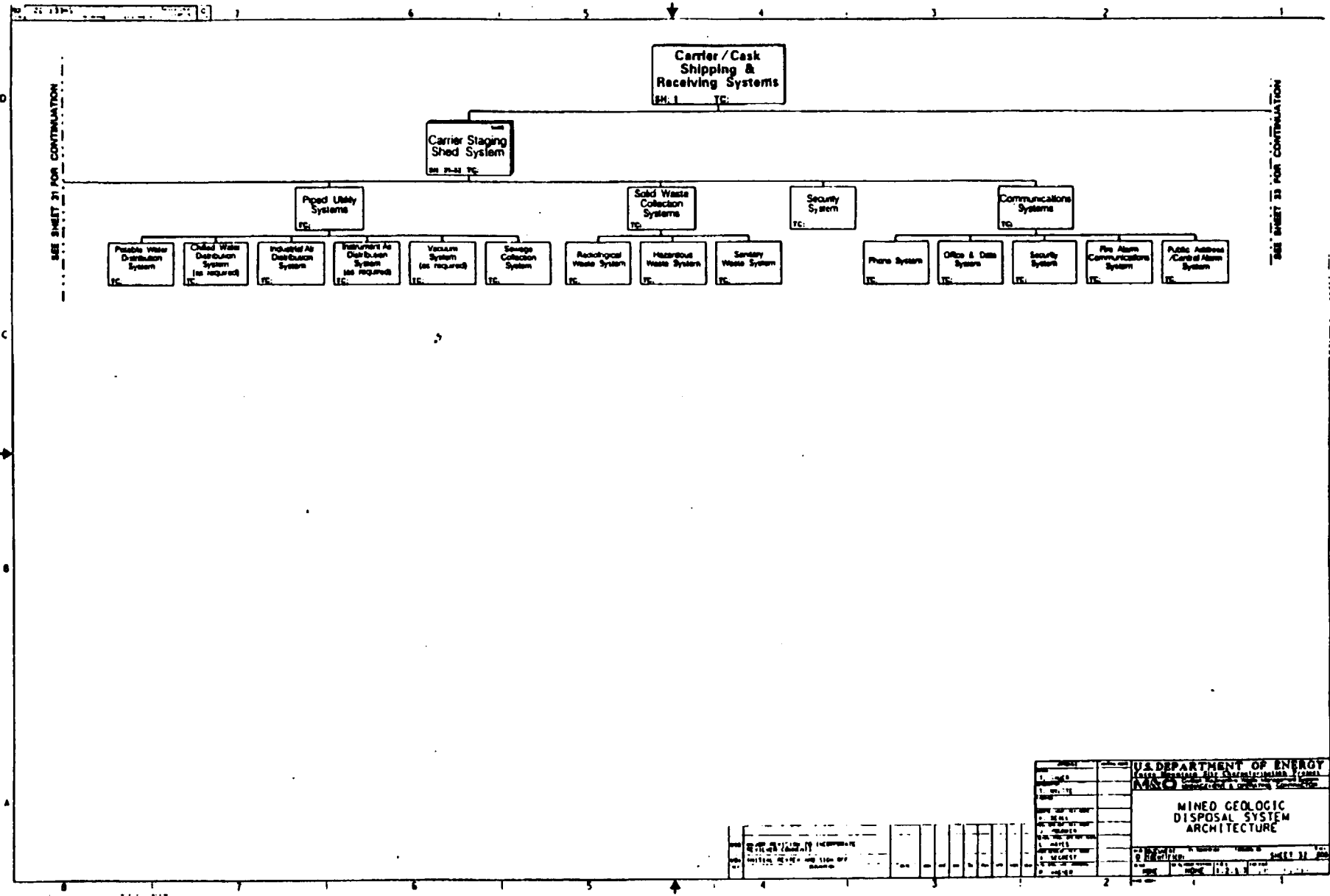
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DRAWN BY: J. L. ...	CHECKED BY: ...
PROJECT NO. ...	DRAWING NO. ...







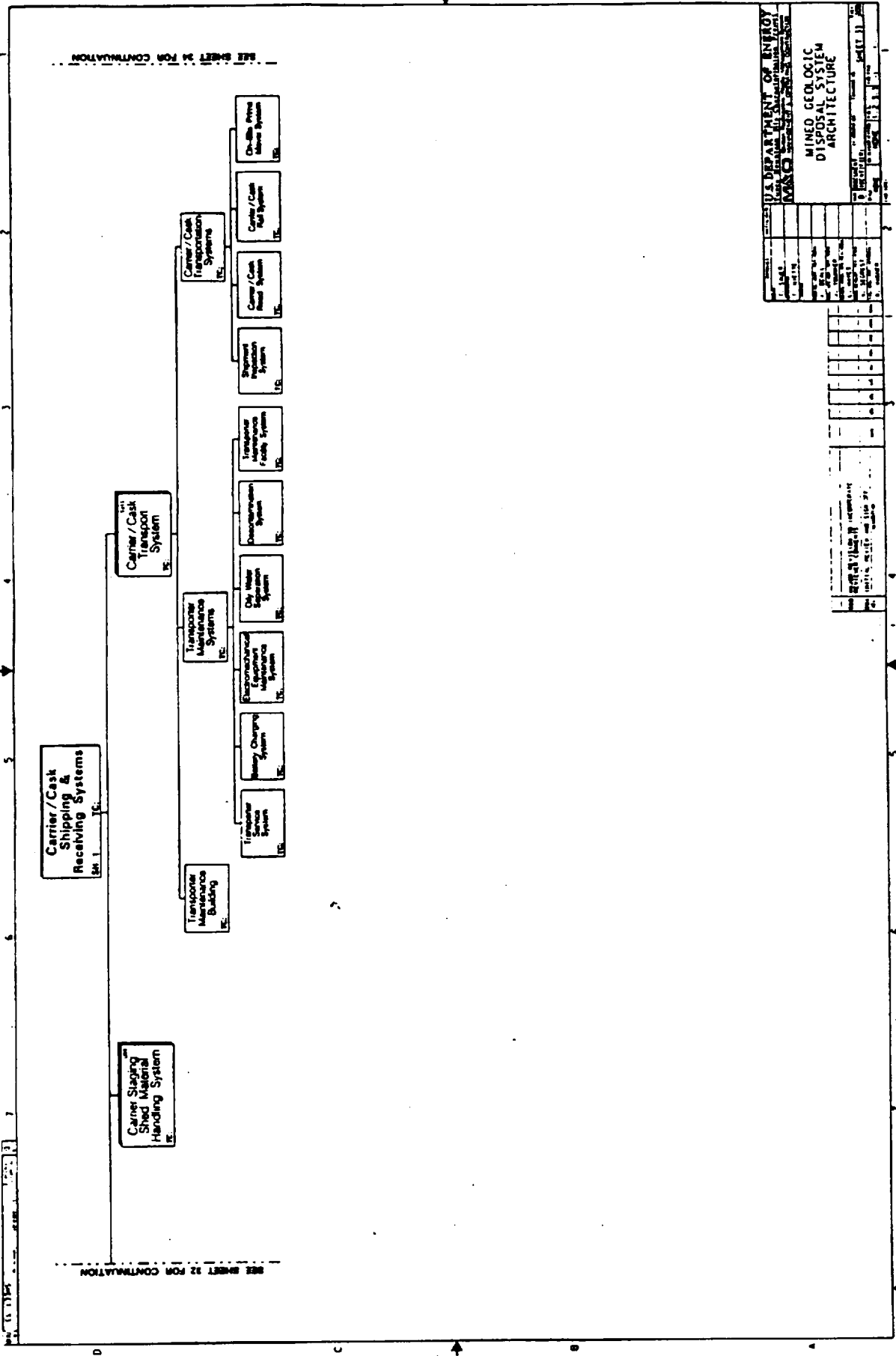
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M&O	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
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NO. 100	DATE 01/11/00



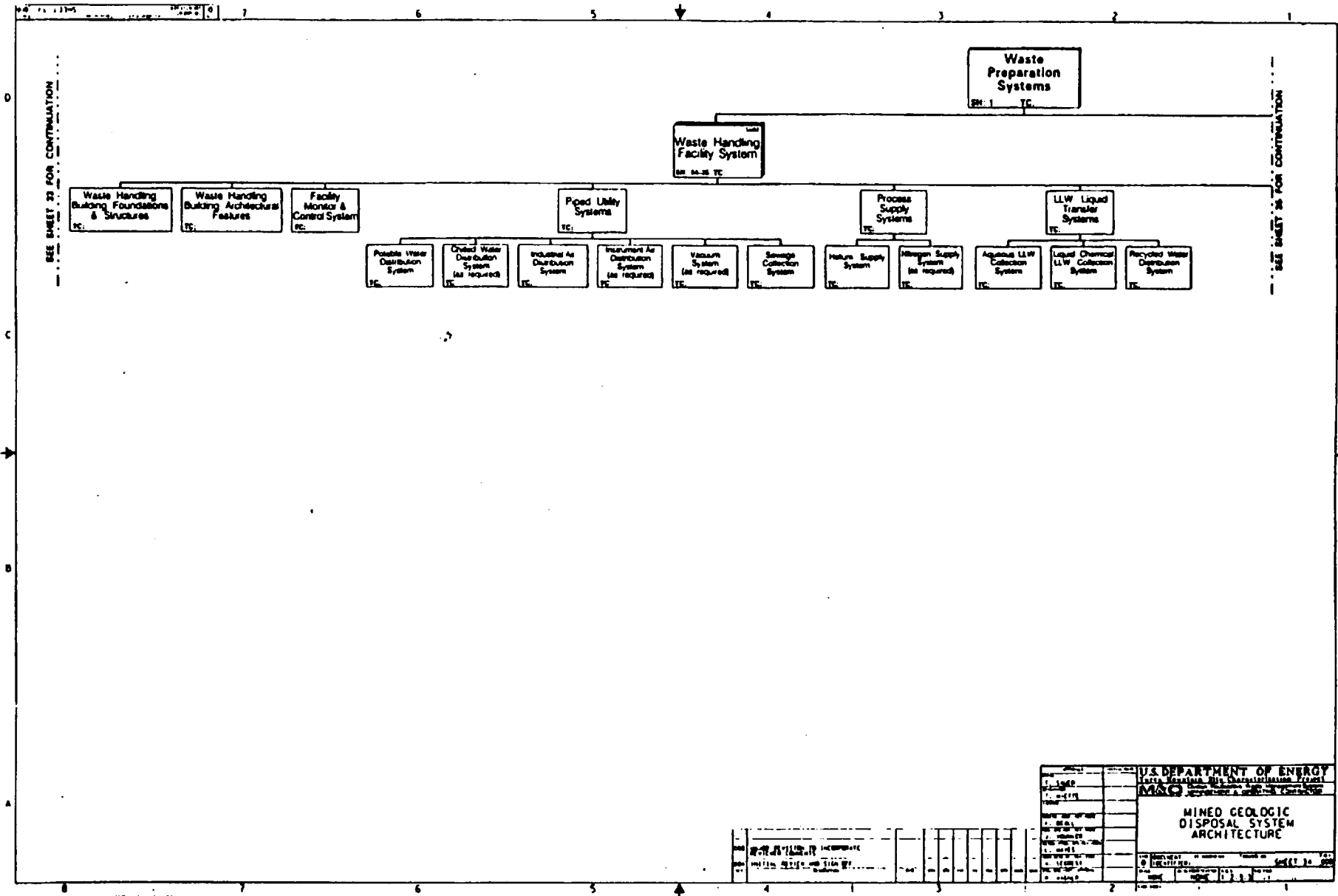
SEE SHEET 31 FOR CONTINUATION

SEE SHEET 33 FOR CONTINUATION

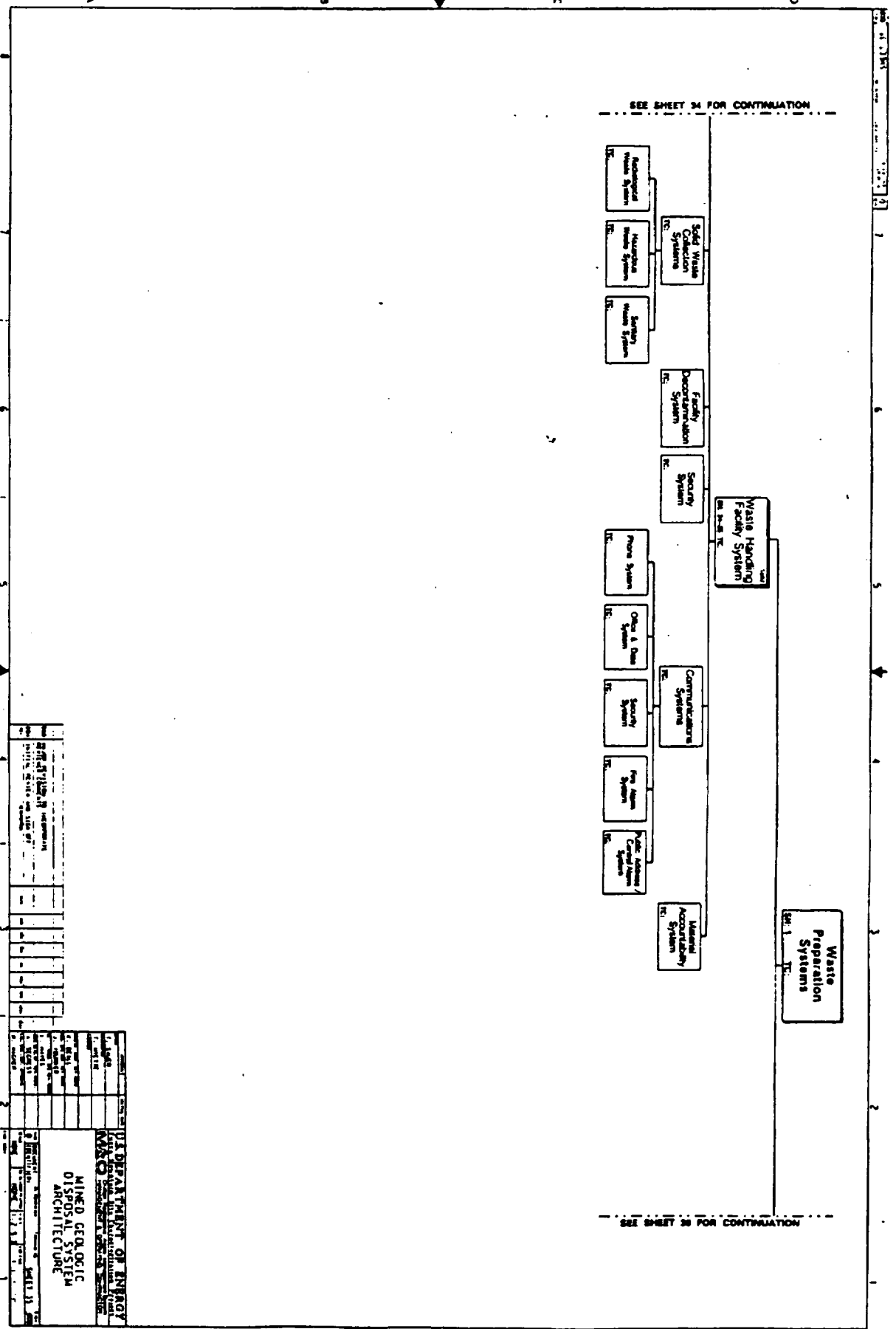
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Office of Environmental and Safety Administration	
MNO	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
PROJECT NO.	11-11-80
DATE	11-11-80
BY	...
CHECKED BY	...
APPROVED BY	...
SCALE	...
REVISIONS	...
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U.S. DEPARTMENT OF ENERGY	
MINING, RECLAMATION, AND ENVIRONMENTAL SYSTEMS	
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3. DRAWING NUMBER	
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7. CHECKED BY	
8. APPROVED BY	



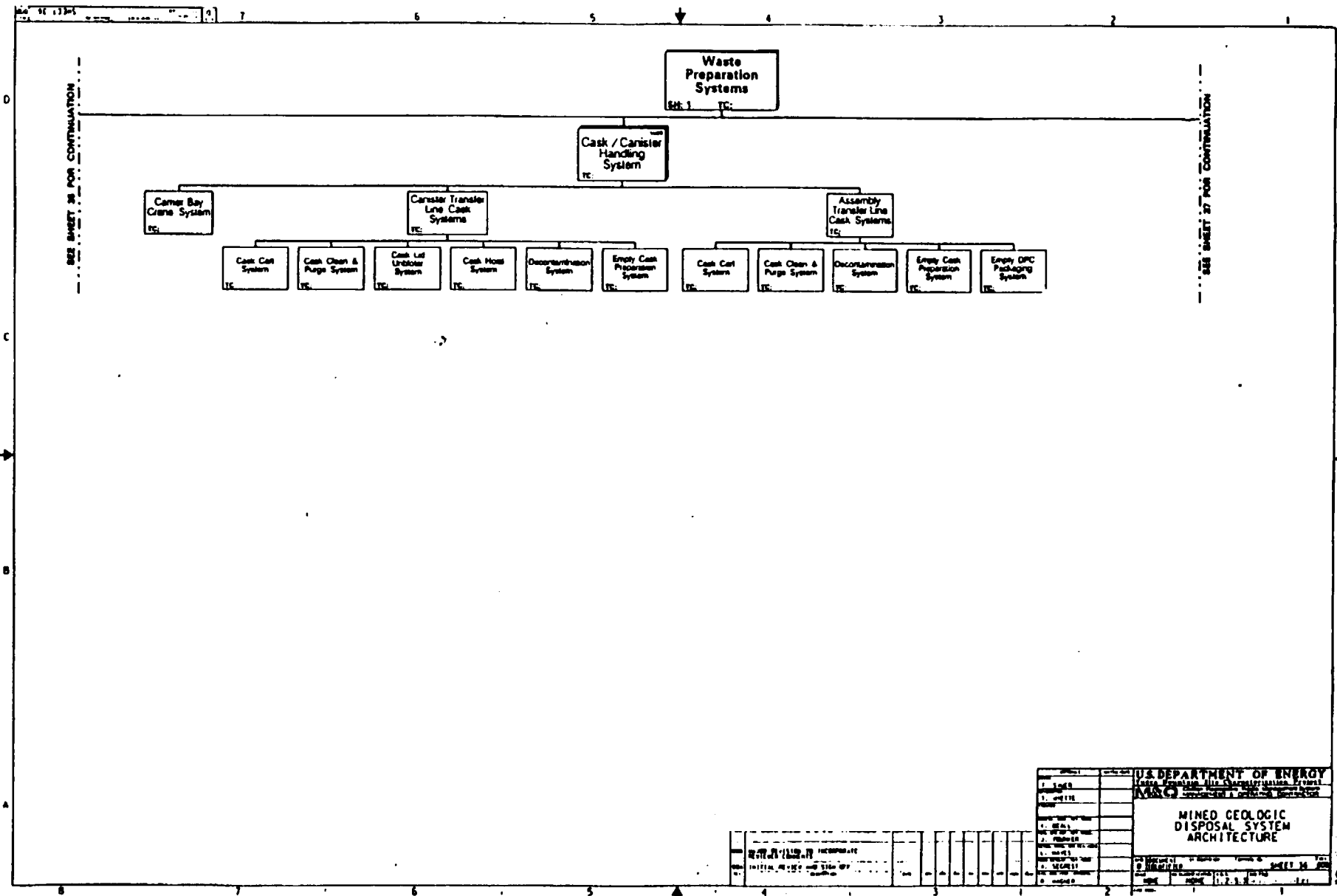
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Nuclear Waste Management Office	
M&O Support & Construction Group	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
Project No.	44111-1-1000
Revision	1
Drawn by	J. J. ...
Checked by	J. J. ...
Scale	AS SHOWN
Date	11/11/88



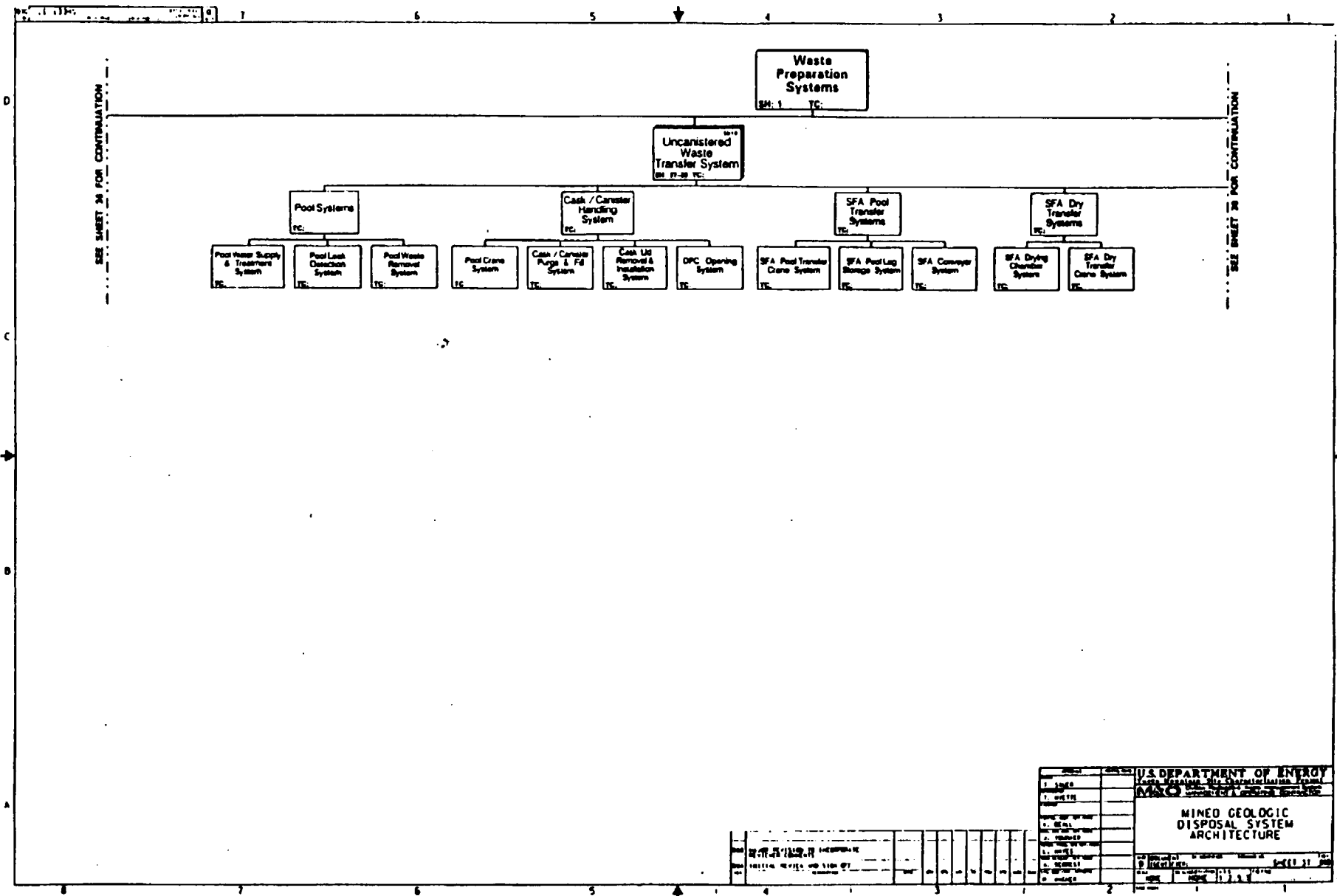
SEE SHEET 34 FOR CONTINUATION

SEE SHEET 36 FOR CONTINUATION

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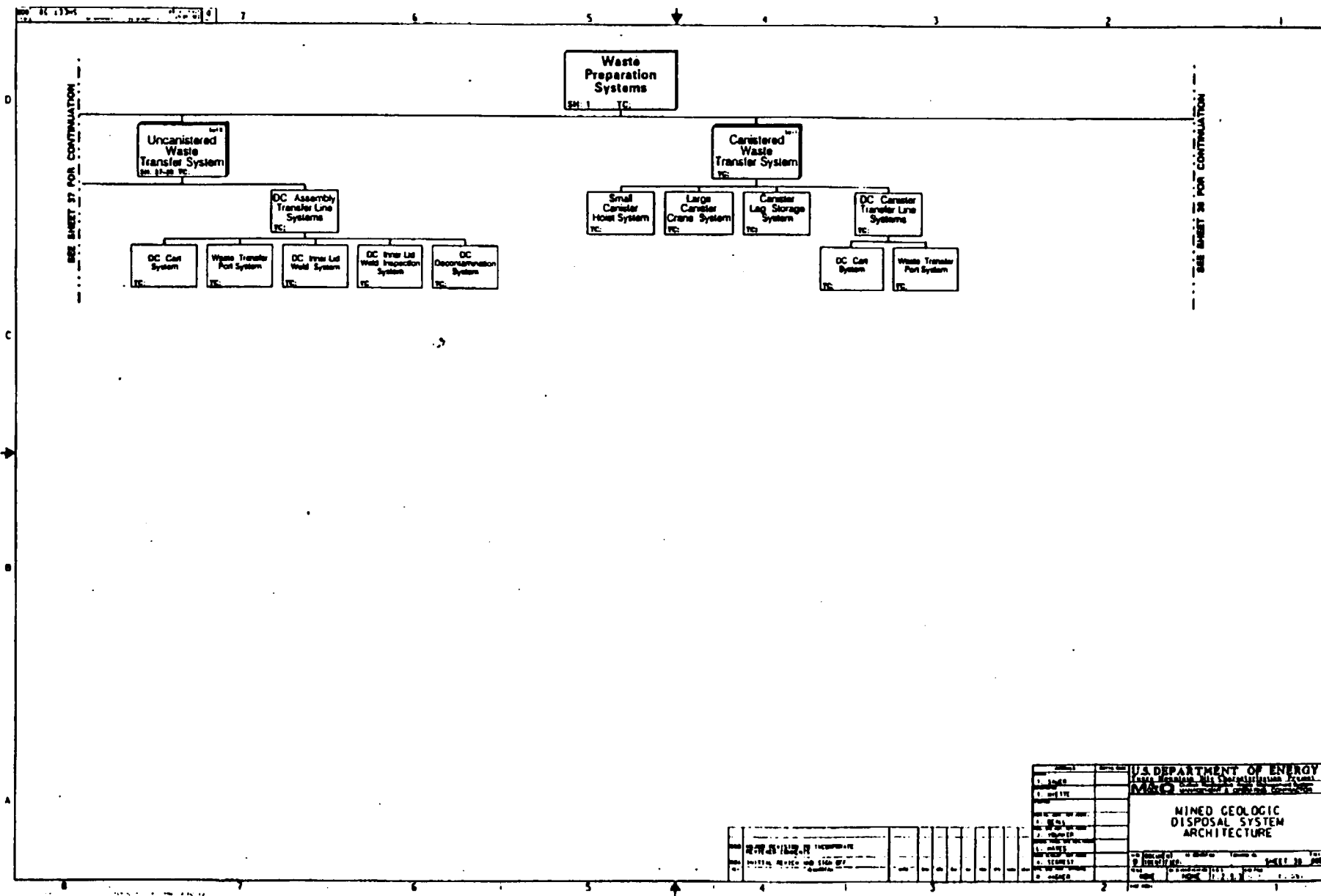
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M/GDS	
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NO. 100-100000-01717-0200-00134	REV. 00
DATE: 11/23/88	SHEET 26 OF 26



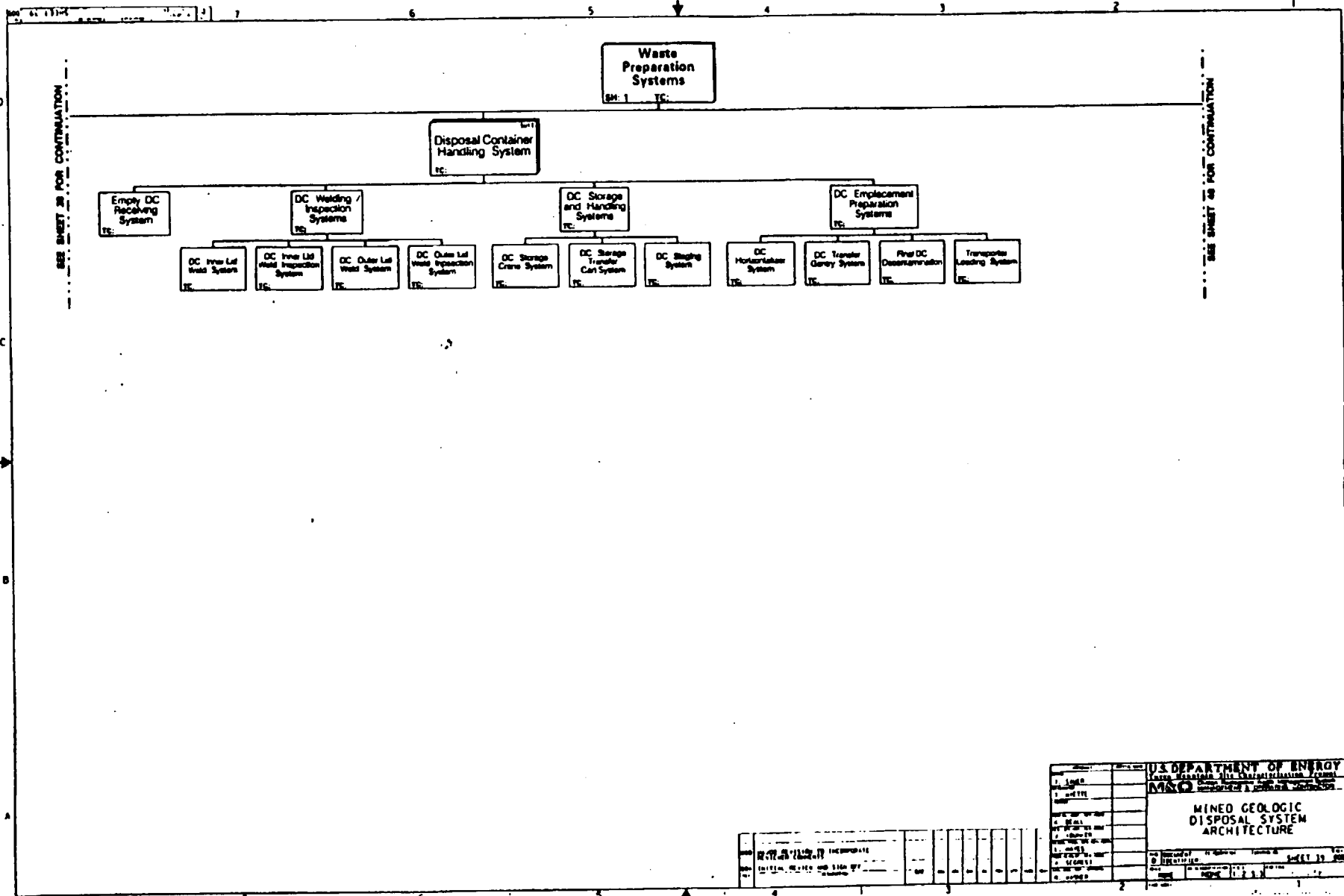
SEE SHEET 24 FOR CONTINUATION

SEE SHEET 25 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY	
Mined Geologic Disposal System	
MAO	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
Project No.	11-126
Revision	1.0
Scale	AS SHOWN
Author	...
Checker	...
Designer	...
Engineer	...
Project Manager	...
Contract No.	...
Contract Date	...
Contract Title	...
Contract Location	...
Contract Status	...
Contract Agency	...
Contract Period	...
Contract Budget	...
Contract Value	...
Contract Type	...
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Contract Remarks	...



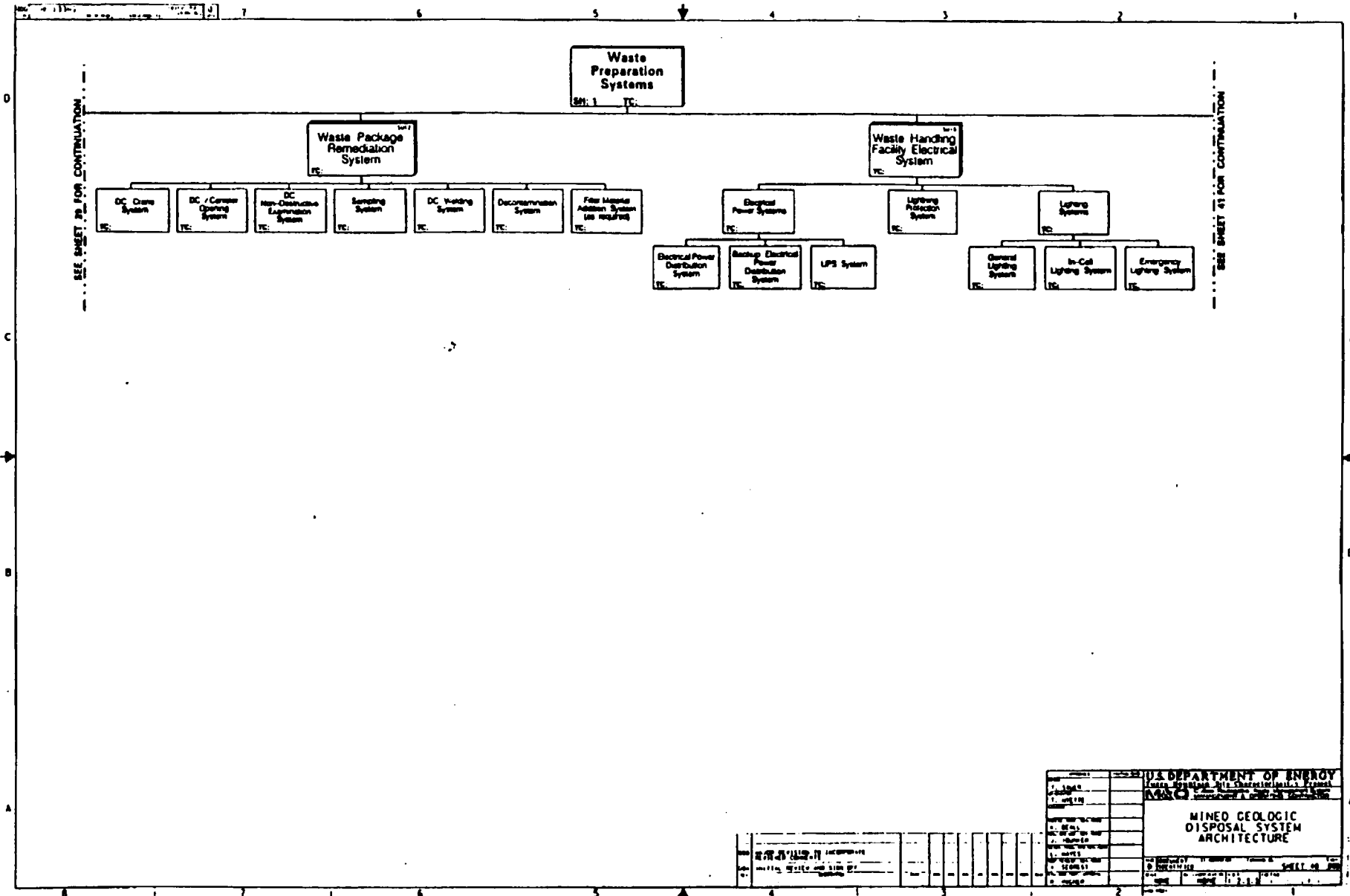
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Mined Geologic Disposal System																												
M&O																												
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE																												
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr> <td style="width: 20%;">NO. 1</td> <td style="width: 10%;">NO. 2</td> <td style="width: 10%;">NO. 3</td> <td style="width: 10%;">NO. 4</td> <td style="width: 10%;">NO. 5</td> <td style="width: 10%;">NO. 6</td> <td style="width: 10%;">NO. 7</td> <td style="width: 10%;">NO. 8</td> <td style="width: 10%;">NO. 9</td> <td style="width: 10%;">NO. 10</td> <td style="width: 10%;">NO. 11</td> <td style="width: 10%;">NO. 12</td> <td style="width: 10%;">NO. 13</td> <td style="width: 10%;">NO. 14</td> <td style="width: 10%;">NO. 15</td> <td style="width: 10%;">NO. 16</td> <td style="width: 10%;">NO. 17</td> <td style="width: 10%;">NO. 18</td> <td style="width: 10%;">NO. 19</td> <td style="width: 10%;">NO. 20</td> <td style="width: 10%;">NO. 21</td> <td style="width: 10%;">NO. 22</td> <td style="width: 10%;">NO. 23</td> <td style="width: 10%;">NO. 24</td> <td style="width: 10%;">NO. 25</td> </tr> </table>	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	<table border="1" style="border-collapse: collapse; width: 100%;"> <tr> <td style="width: 50%;"> 1. TITLE 2. NUMBER 3. DATE 4. DRAWN BY 5. CHECKED BY 6. APPROVED BY 7. DATE </td> <td style="width: 50%;"> 8. SHEET NO. 9. TOTAL SHEETS 10. PROJECT NO. 11. CONTRACT NO. 12. DATE </td> </tr> </table>	1. TITLE 2. NUMBER 3. DATE 4. DRAWN BY 5. CHECKED BY 6. APPROVED BY 7. DATE	8. SHEET NO. 9. TOTAL SHEETS 10. PROJECT NO. 11. CONTRACT NO. 12. DATE
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SEE SHEET 28 FOR CONTINUATION

SEE SHEET 28 FOR CONTINUATION

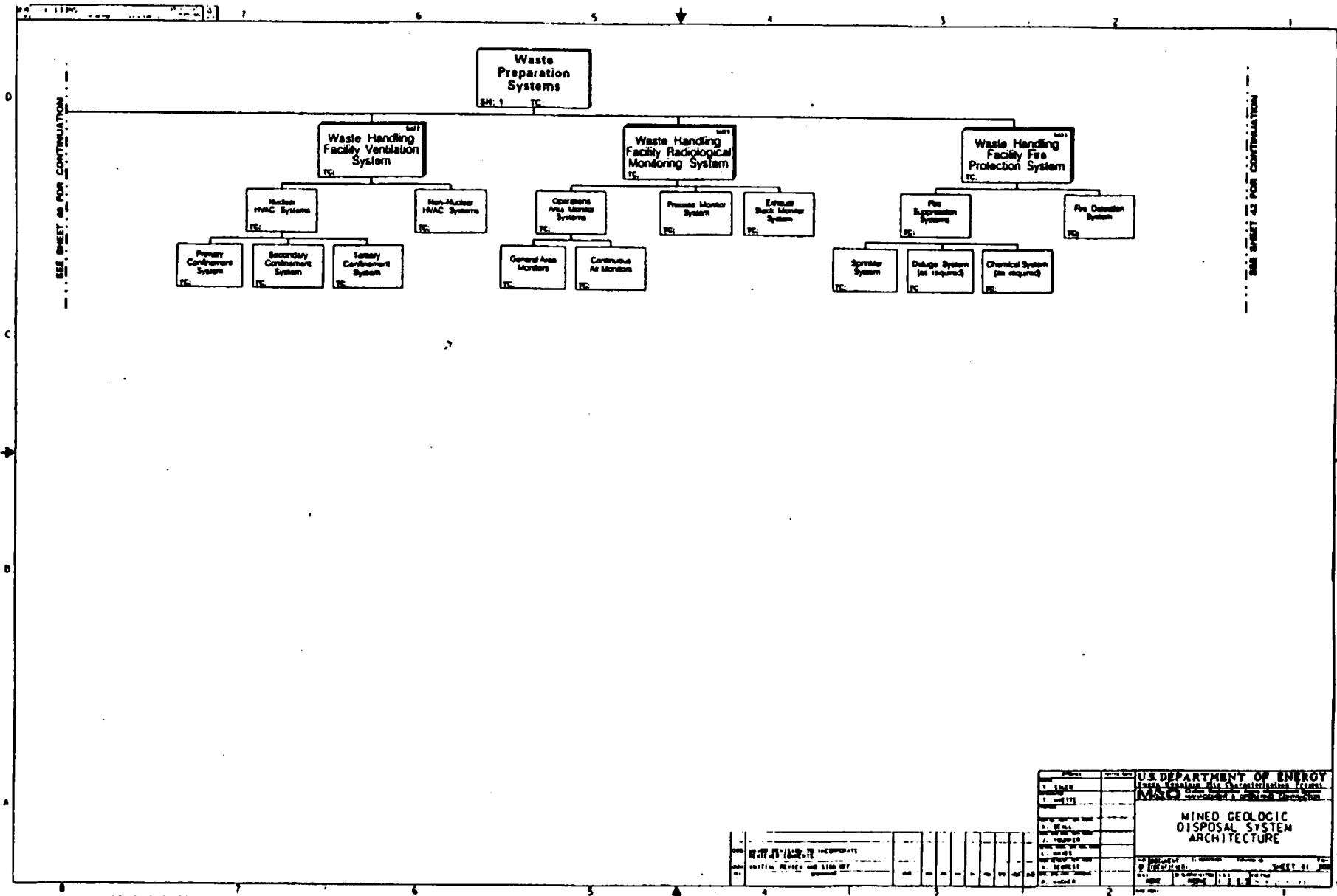
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MINE GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
Project No.	12-126
Sheet No.	39
Scale	AS SHOWN
Date	12-126



SEE SHEET 20 FOR CONTINUATION

SEE SHEET 21 FOR CONTINUATION

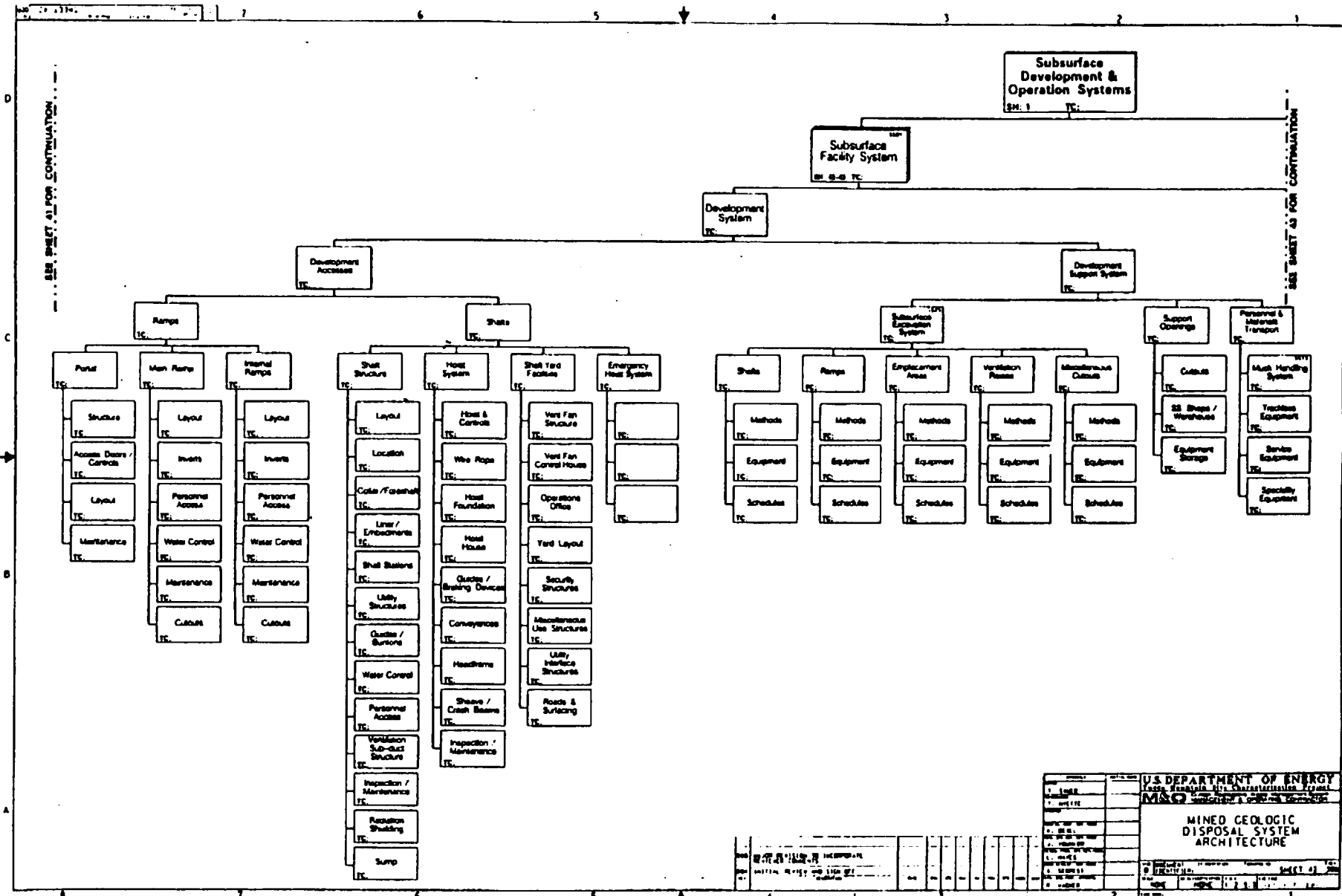
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Mined Geologic Disposal System Architecture	
MINE GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
Project No.	17-0200-00134
Revision	00
Drawn by	
Checked by	
Approved by	
Date	12/04/11
Scale	AS SHOWN
Sheet No.	40 of 126



SEE SHEET 43 FOR CONTINUATION

SEE SHEET 43 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY	
Office of Environmental and Safety	
Nuclear Energy Research and Development	
Mined Geologic Disposal System Architecture	
Project No.	2-111-41
Revision	1
Scale	
Author	
Checked	
Approved	
Date	



SEE SHEET A1 FOR CONTINUATION

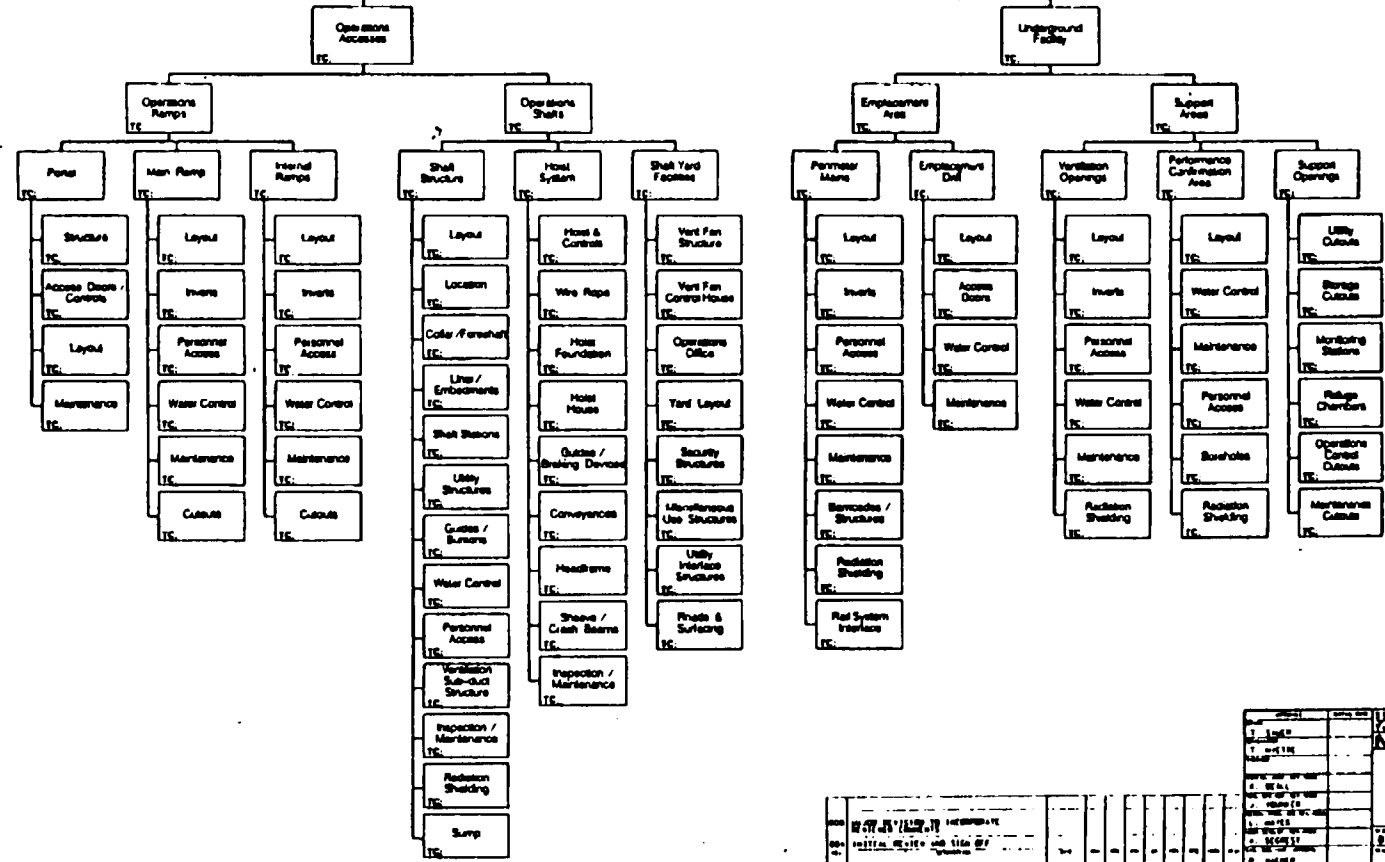
SEE SHEET A3 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY Energy Research and Development Program M&O	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
Project No. 100-1-100-100-100 Revision No. 1 Date 10/1/80	Sheet 41 of 42

Subsurface Development & Operation Systems
 BH: 1 TC:

Subsurface Facility System
 BH: 43-48 TC:

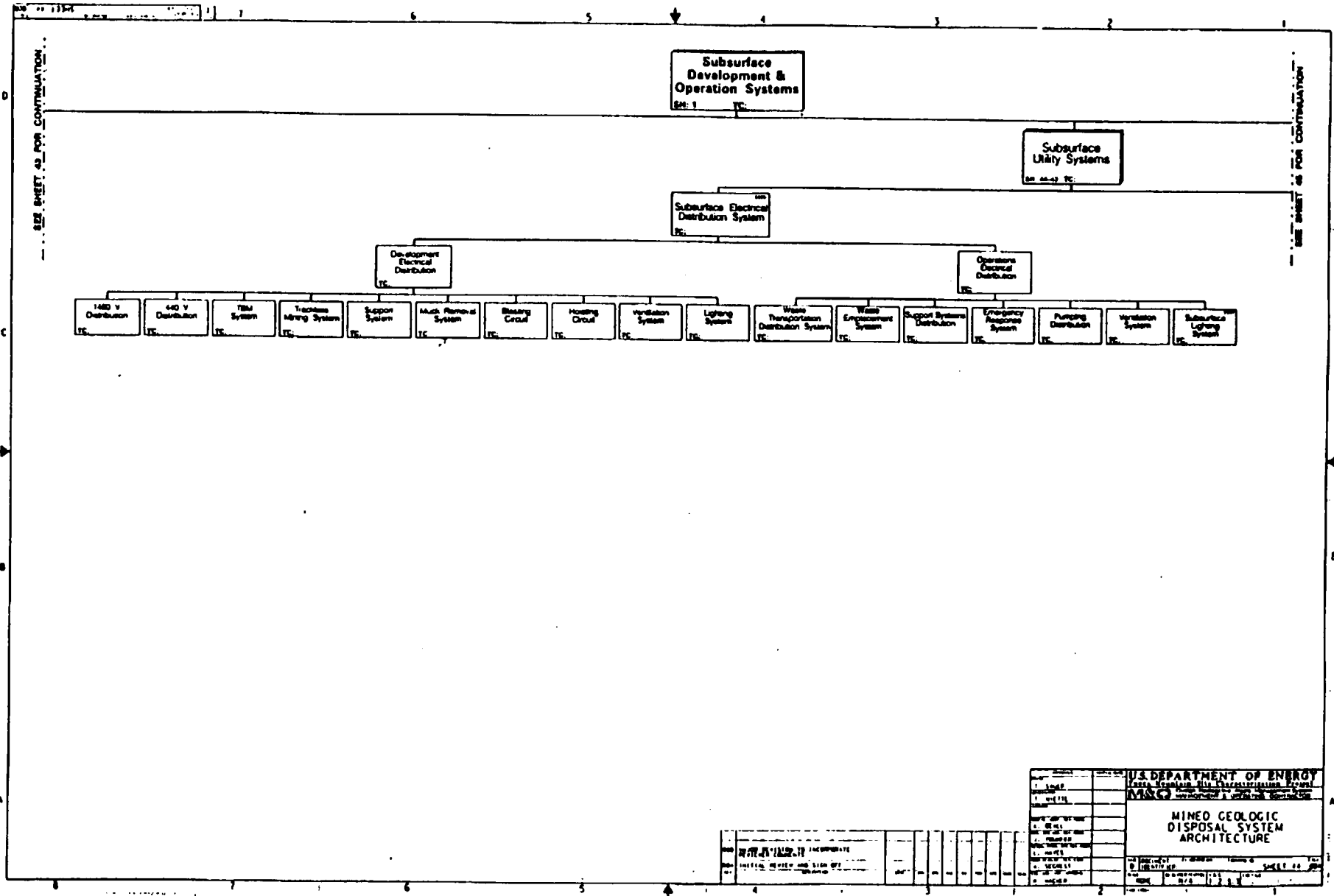
Operations System
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SEE SHEET 42 FOR CONTINUATION

SEE SHEET 44 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY	
Mined Geologic Disposal System	
ARCHITECTURE	
1. DATE	
2. REVISED	
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4. CHECKED	
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7. SHEET NO.	11-43
8. TOTAL SHEETS	11-43



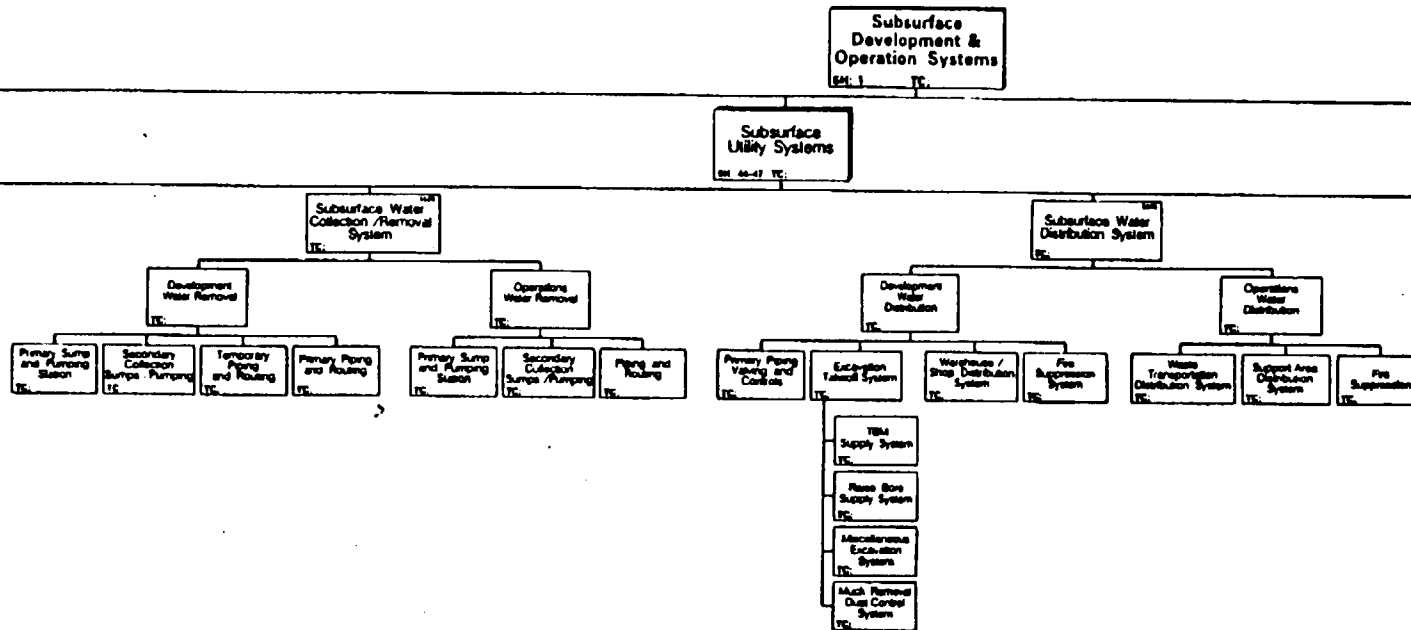
SEE SHEET 43 FOR CONTINUATION

SEE SHEET 44 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY	
Mined Geologic Disposal System	
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MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
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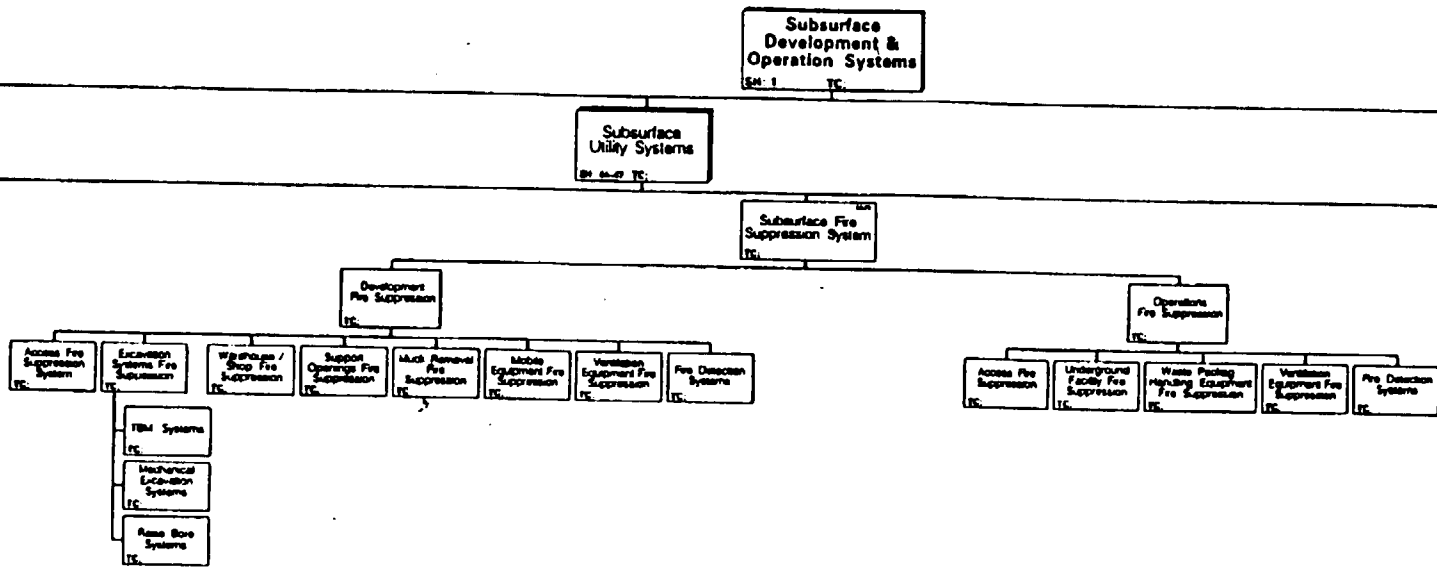
SEE SHEET 46 FOR CONTINUATION



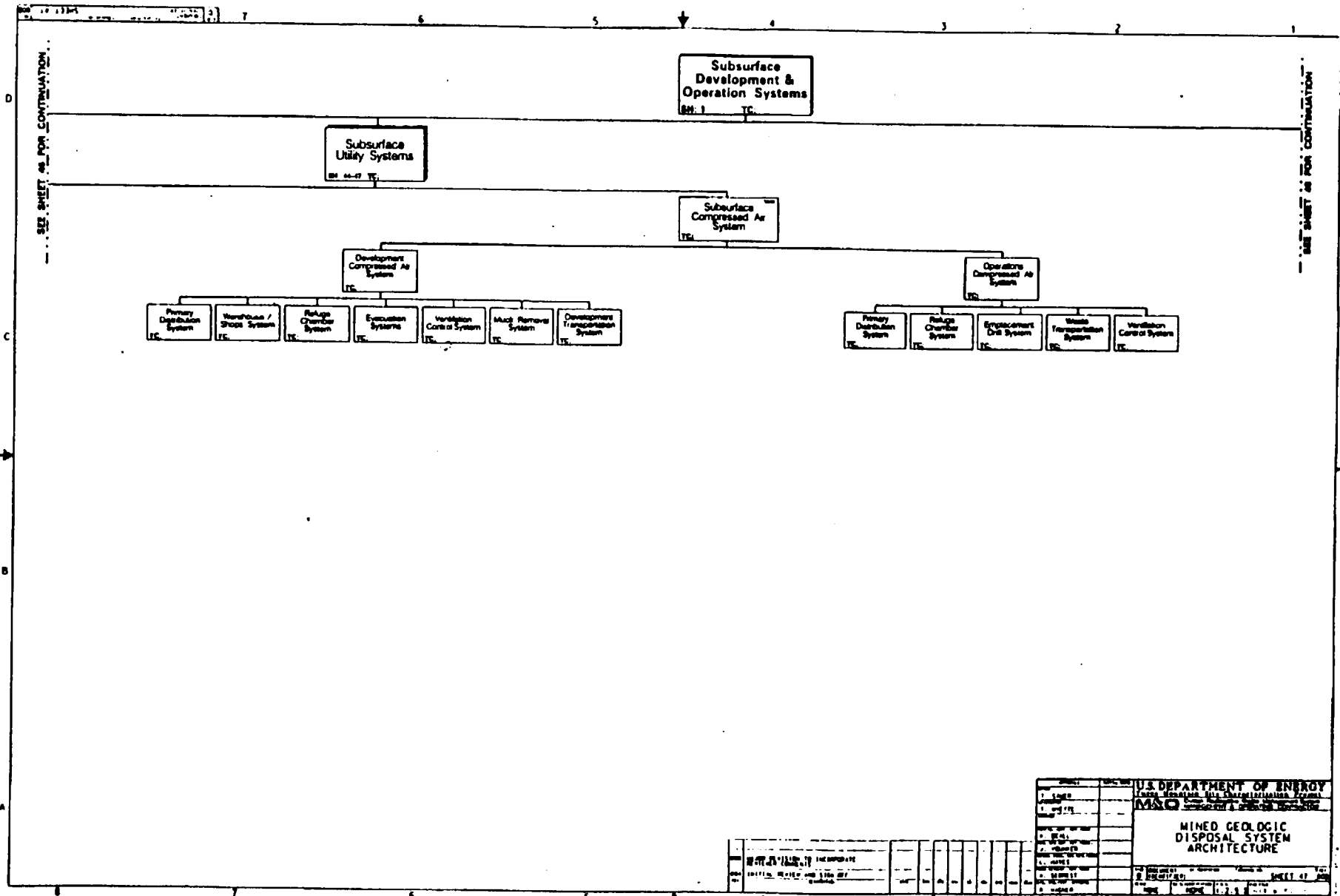
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SEE SHEET 46 FOR CONTINUATION

SEE SHEET 47 FOR CONTINUATION



U.S. DEPARTMENT OF ENERGY Office of Environmental Management M&O Mined Geologic Disposal System Architecture	SHEET 46 OF 46 11/2/87
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SEE SHEET 48 FOR CONTINUATION

SEE SHEET 48 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY	
Mined Geologic Disposal System	
M&O	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
1. SHEET	1 of 12
2. DATE	10/1/87
3. DRAWN BY	J. J. JONES
4. CHECKED BY	J. J. JONES
5. APPROVED BY	J. J. JONES
6. REVISIONS	
7. REVISION NO.	
8. REVISION DATE	
9. REVISION BY	
10. REVISION DESCRIPTION	

SEE SHEET #1 FOR CONTINUATION

SEE SHEET #6 FOR CONTINUATION

Subsurface Development & Operation Systems
SM: 1 TC

Subsurface Safety and Monitoring System
TC

Development Safety and Monitoring
TC

Operations Safety and Monitoring
TC

Fire Detection
TC

Ventilation Monitoring
TC

Transportation Safety & Monitoring
TC

Fuel Handling System
TC

Personal Safety
TC

Biological Safety & Monitoring
TC

Evacuation Systems
TC

Ground Control Monitoring
TC

Fire Detection
TC

Ventilation Monitoring
TC

Transportation Safety
TC

Personal Safety
TC

Biological Safety & Monitoring
TC

Ground Control Monitoring
TC

Circularity Monitoring
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Risk System
TC

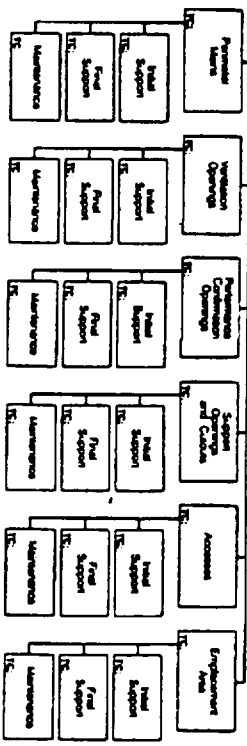
Toolboxes Equipment Systems
TC

PROJECT		U.S. DEPARTMENT OF ENERGY
1. LONG		Yucca Mountain Site Characterization Project
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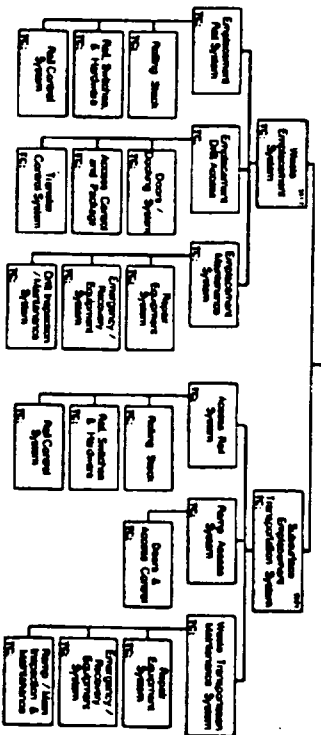
SEE SHEET 48 FOR CONTINUATION

Subsurface Development & Operation Systems

Ground Control System



Surface Waste Encapsulation & Transportation System

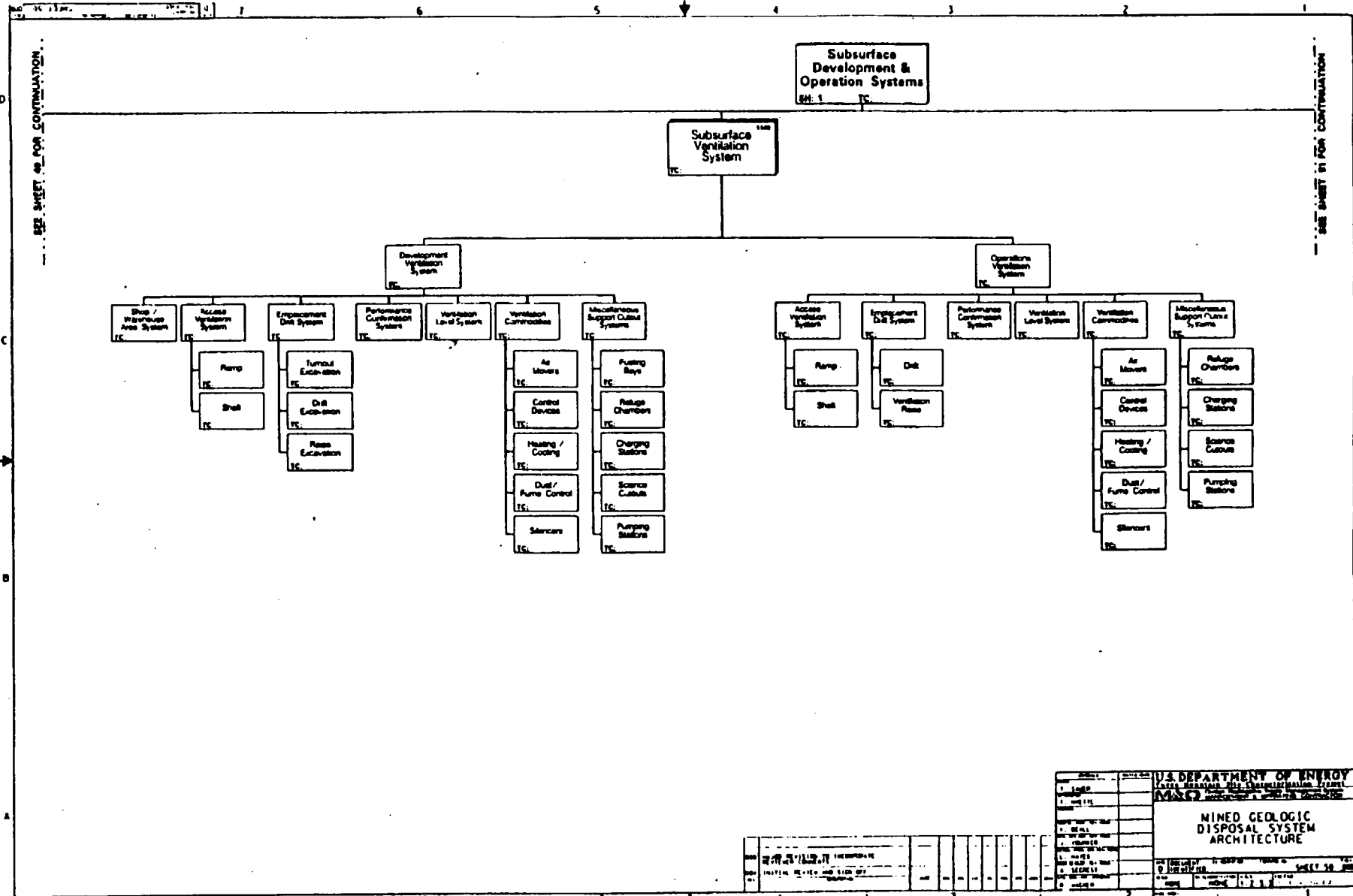


SEE SHEET 49 FOR CONTINUATION

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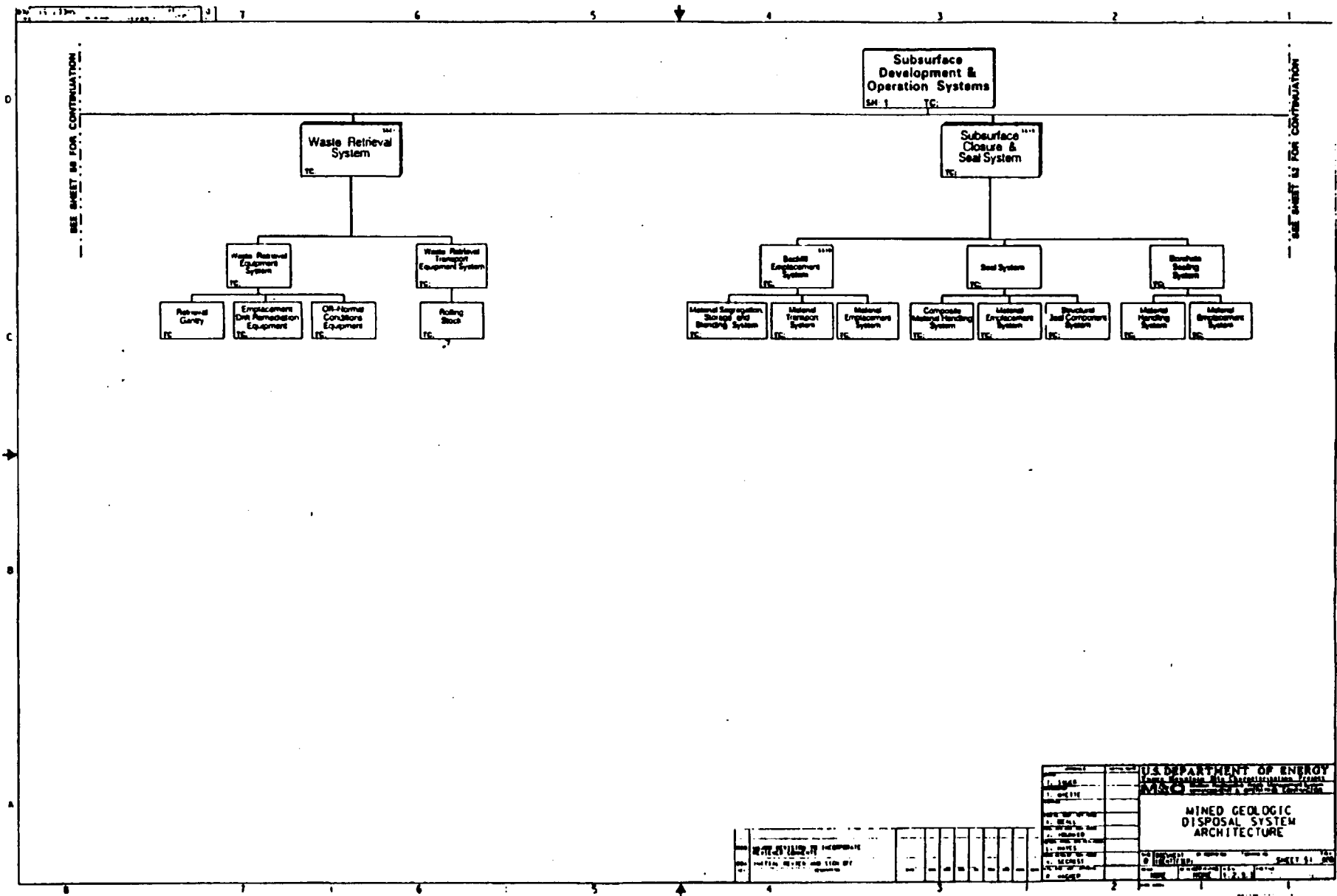
U.S. DEPARTMENT OF ENERGY
 MINE SAFETY HEALTH ADMINISTRATION
 MINING SAFETY AND HEALTH DIVISION
 Mined Geologic Disposal System Architecture



SEE SHEET #1 FOR CONTINUATION

SEE SHEET #1 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY	
Office of Environmental Management	
Yucca Mountain Site Characterization Project	
MASC	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
REV	DATE
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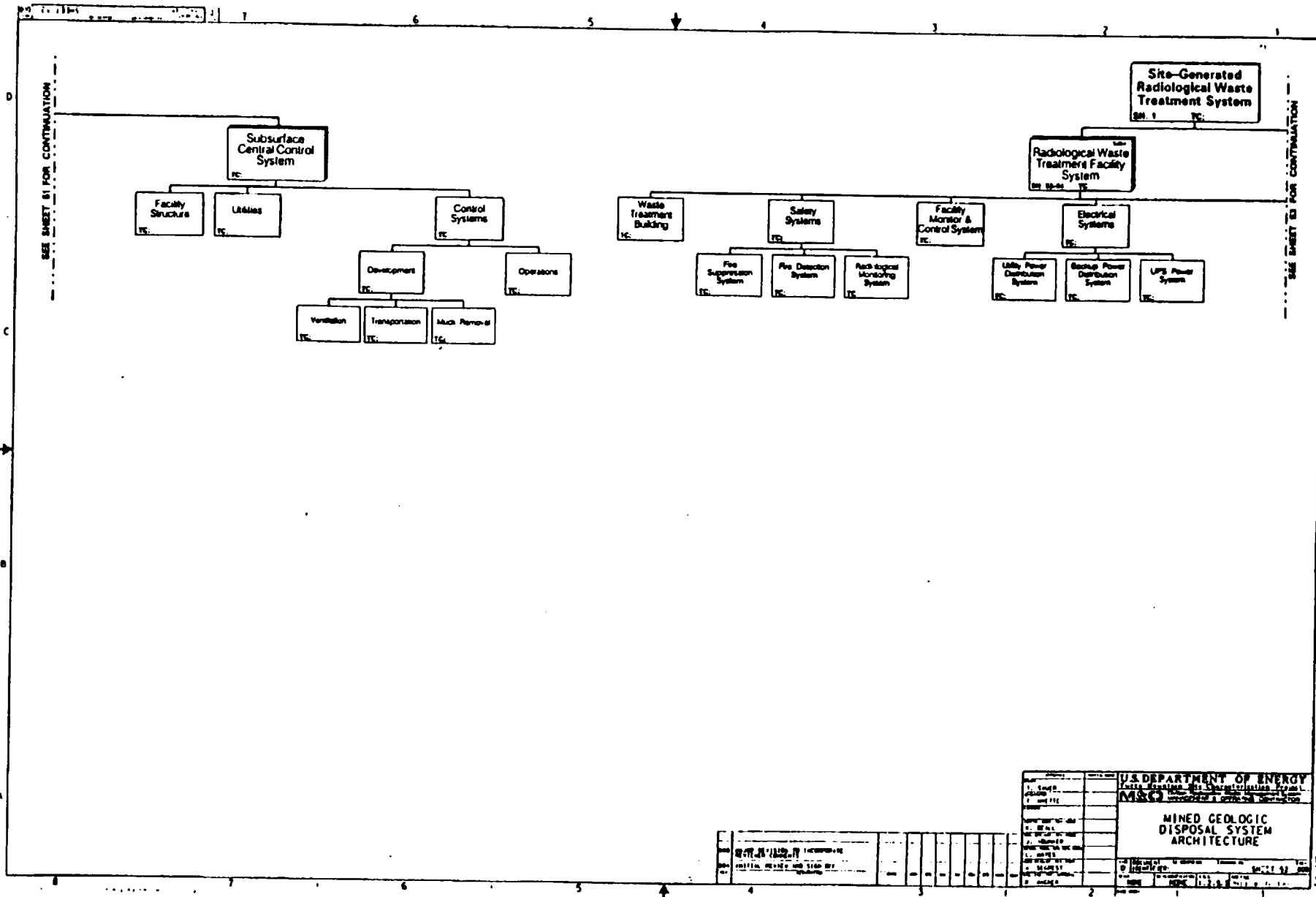


U.S. DEPARTMENT OF ENERGY
 Office of Environmental Management
 Environmental Sciences and Technology
 WYMO

**MINED GEOLOGIC
 DISPOSAL SYSTEM
 ARCHITECTURE**

NO. 10-000000-01717-0200-00134 SHEET 51 OF 51
 DATE: 11/23/00

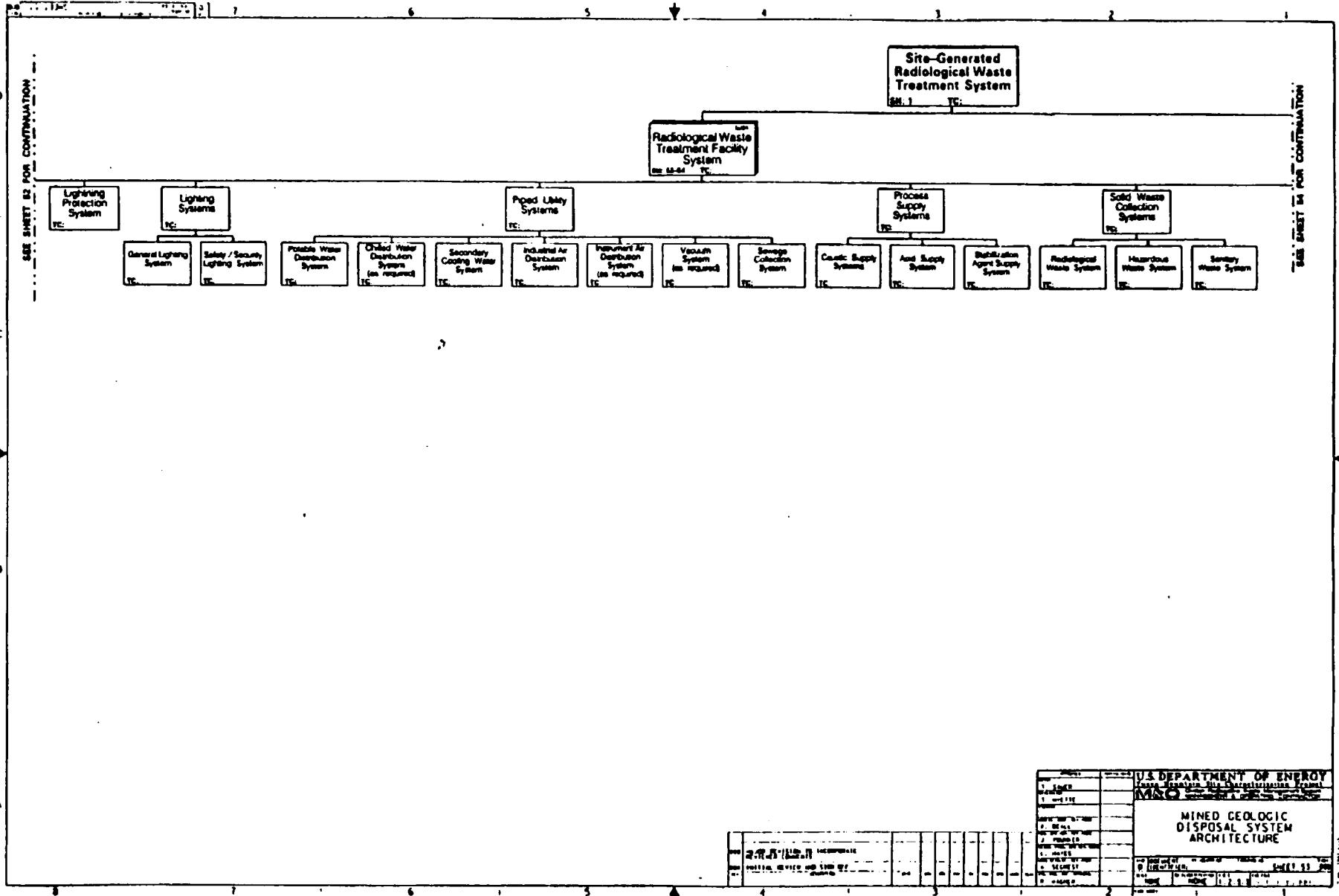
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SEE SHEET 51 FOR CONTINUATION

SEE SHEET 52 FOR CONTINUATION

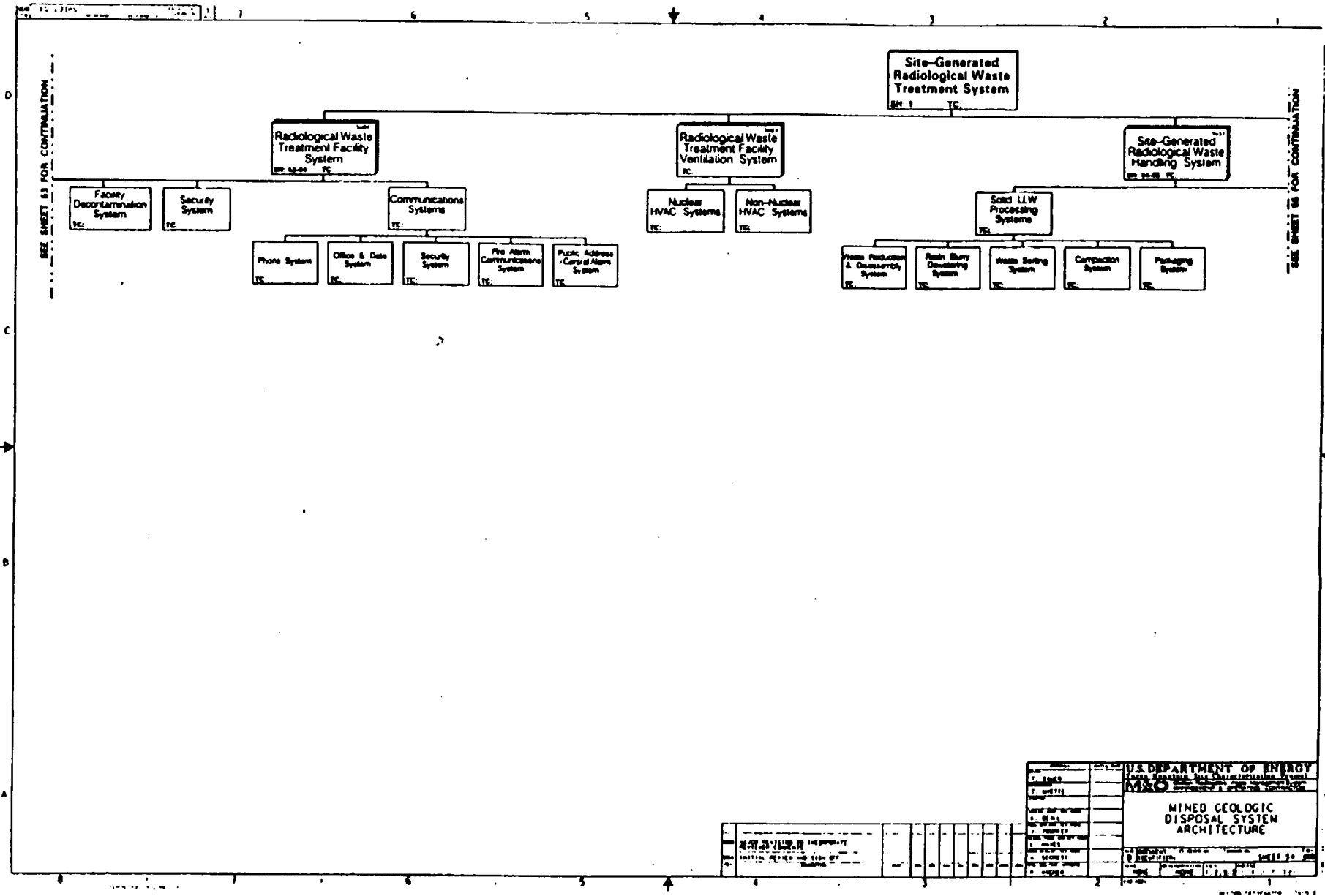
U.S. DEPARTMENT OF ENERGY	
Office of Environmental and Safety Administration	
MS&D	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
Project No.	MS&D-11-1-1
Revision	1
Scale	AS SHOWN
Author	MS&D
Checked	MS&D
Approved	MS&D
Date	11/1/88



SEE SHEET B2 FOR CONTINUATION

SEE SHEET B4 FOR CONTINUATION

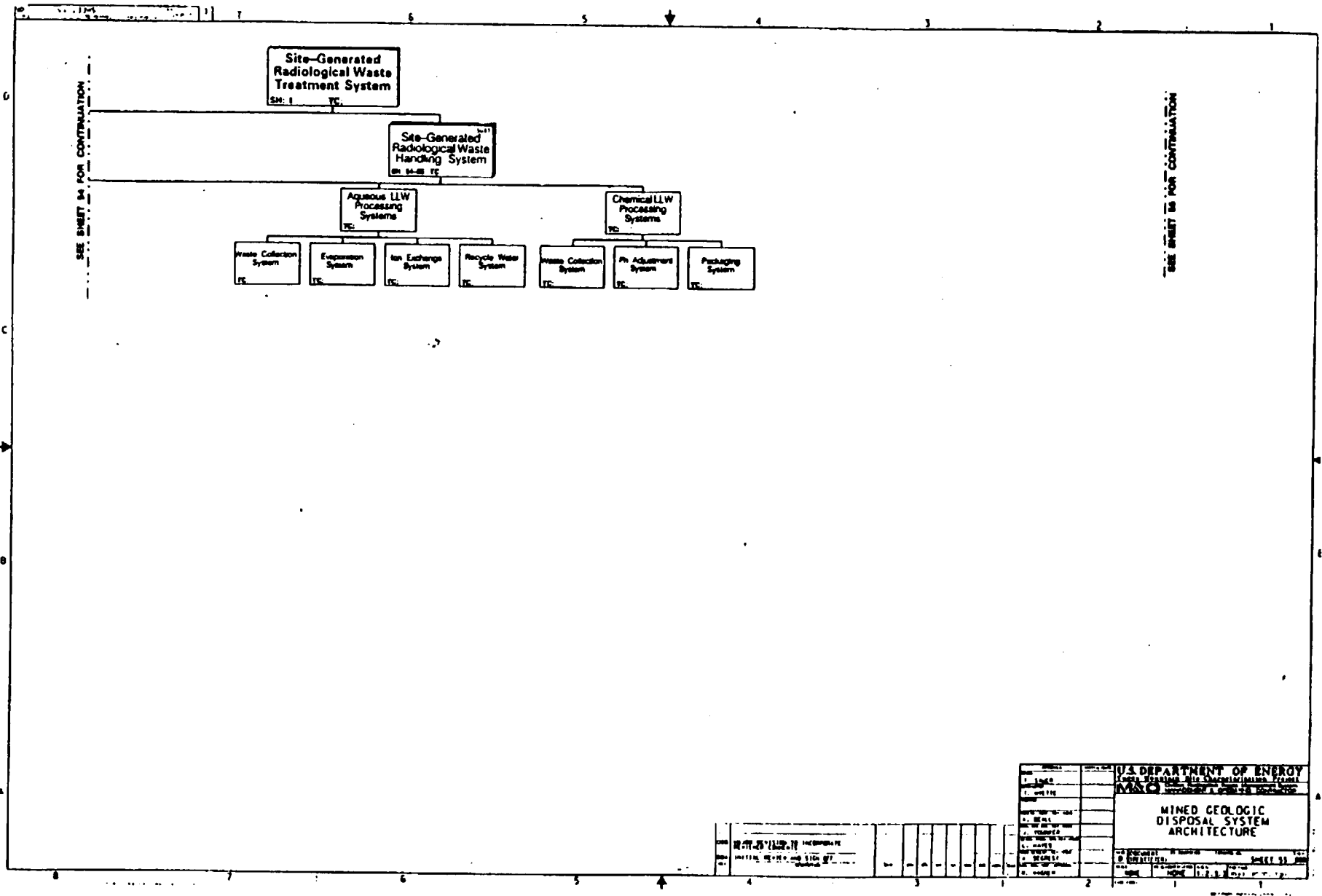
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Mined Geologic Disposal System Architecture	
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MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
NO. OF SHEETS	11
NO. OF SHEETS COMPLETED	11
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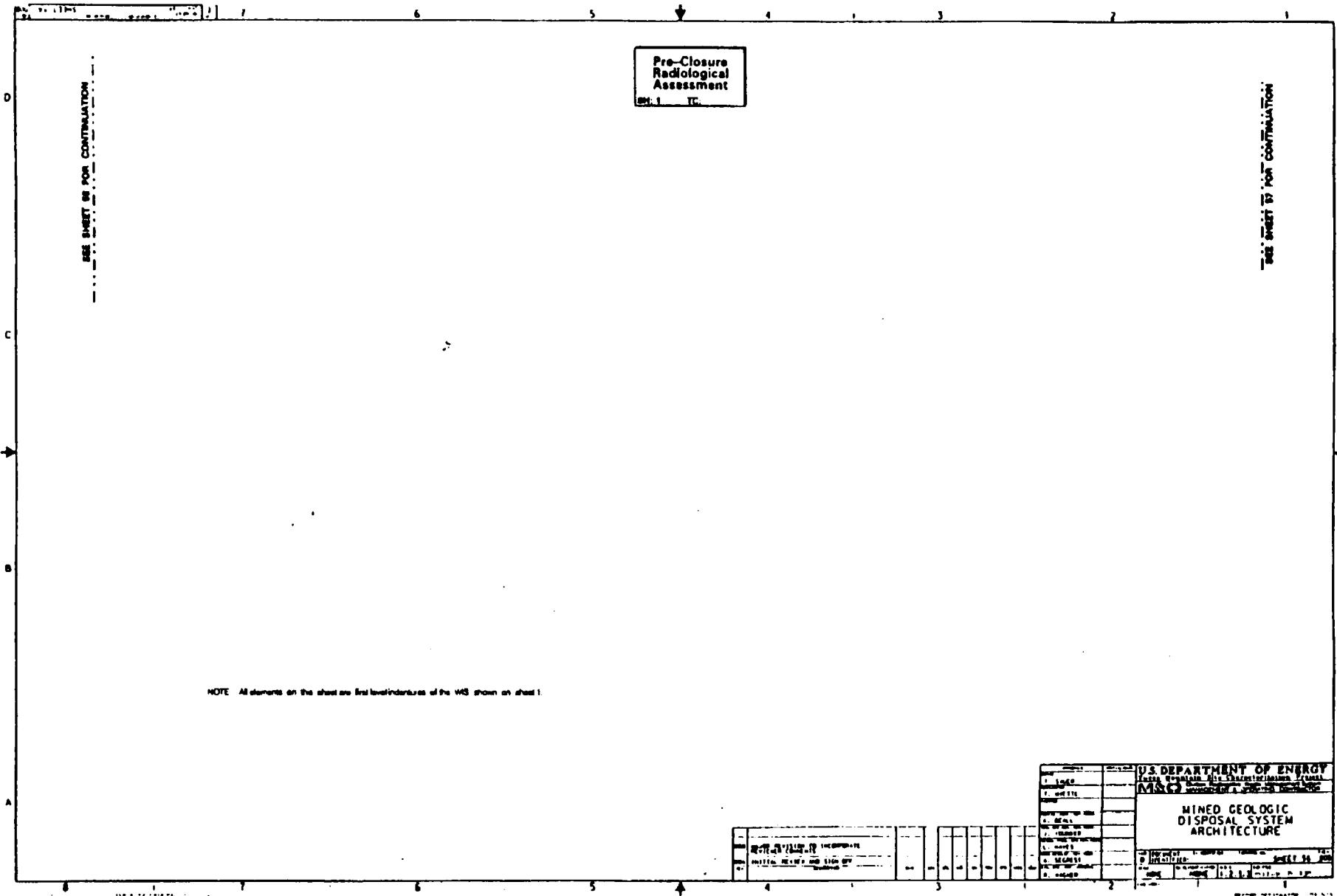
SEE SHEET 83 FOR CONTINUATION

SEE SHEET 84 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY	
Mined Geologic Disposal System	
MDO	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
NO. 1	NO. 2
NO. 3	NO. 4
NO. 5	NO. 6
NO. 7	NO. 8
NO. 9	NO. 10
NO. 11	NO. 12
NO. 13	NO. 14
NO. 15	NO. 16
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NO. 19	NO. 20
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NO. 97	NO. 98
NO. 99	NO. 100



U.S. DEPARTMENT OF ENERGY	
Energy Research and Development Administration	
MINE GEOL. DISPOSAL SYSTEM ARCHITECTURE	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
SHEET 55	



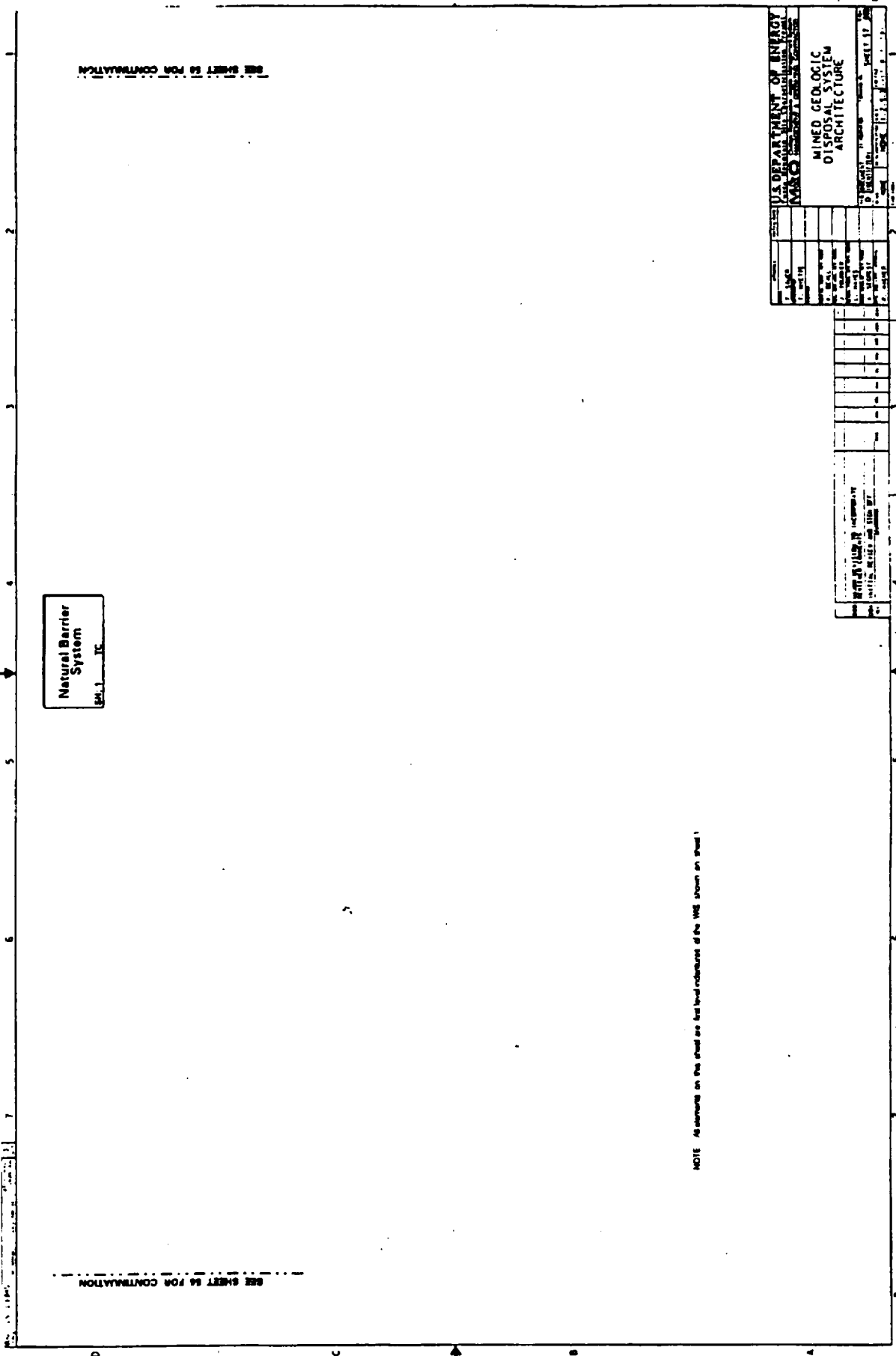
Pre-Closure
Radiological
Assessment
ENR 1 TC

SEE SHEET 10 FOR CONTINUATION

SEE SHEET 11 FOR CONTINUATION

NOTE: All elements on this sheet are first level indicators of the WS shown on sheet 1.

U.S. DEPARTMENT OF ENERGY OFFICE OF ENVIRONMENTAL RESTORATION MINE AND RECLAMATION PROGRAM	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
PROJECT: SHEET NO: DATE:	SHEET 10 OF 10



Natural Barrier System
SP. 1 IC

SEE SHEET 54 FOR CONTINUATION

SEE SHEET 54 FOR CONTINUATION

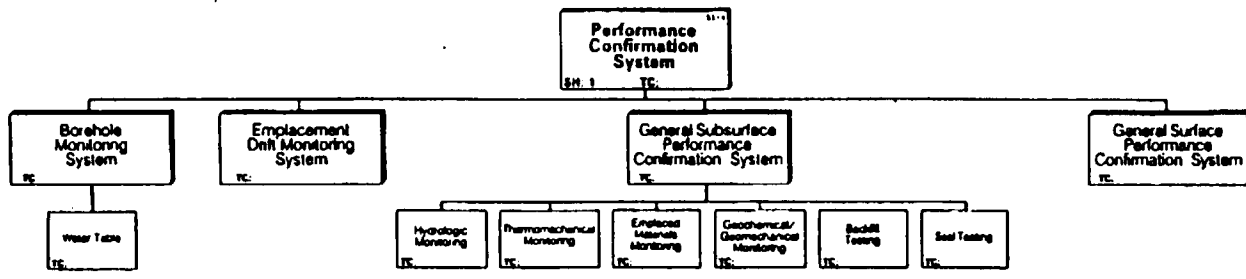
NOTE: Measurements on this sheet are first level contours of the VMS shown on sheet 1

U.S. DEPARTMENT OF ENERGY	
MINE SAFETY AND HEALTH ADMINISTRATION	
MMSO	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
PROJECT NO.	17-0000000-01717-0200-00134
DATE	11/13/88
BY	W. J. HALL
CHECKED BY	J. W. HALL
SCALE	AS SHOWN
SHEET NO.	17 OF 17
TOTAL SHEETS	17

MATERIALS LIST	
NO.	DESCRIPTION
1	CONCRETE
2	STEEL
3	BRICK
4	GLASS
5	WOOD
6	PAINT
7	PLASTER
8	ROOFING
9	MECHANICAL
10	ELECTRICAL
11	LANDSCAPE
12	UTILITIES
13	FINISHES
14	FIXTURES
15	APPLIANCES
16	MECHANICAL EQUIPMENT
17	ELECTRICAL EQUIPMENT

SEE SHEET 57 FOR CONTINUATION

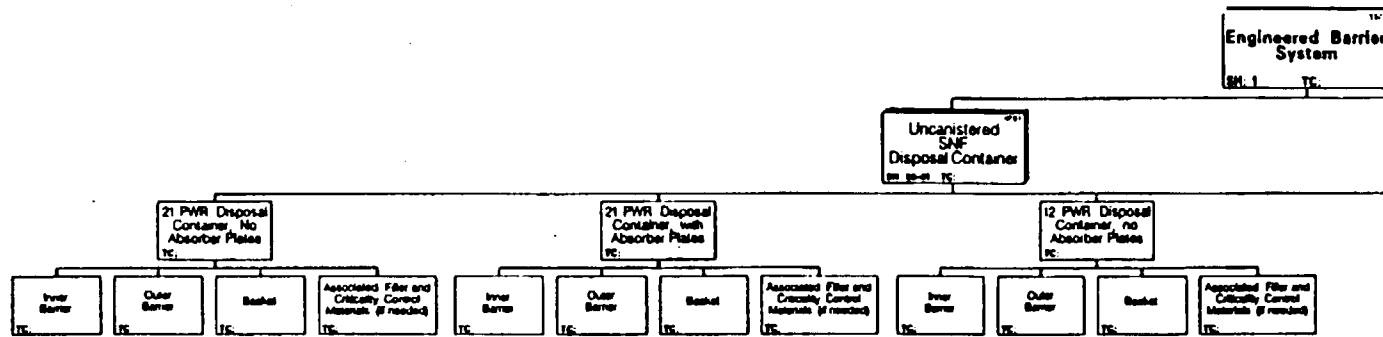
SEE SHEET 58 FOR CONTINUATION



PROJECT		DATE		U.S. DEPARTMENT OF ENERGY	
1. TITLE		2. DATE		Energy Research and Development Program	
3. UNIT		4. DATE		MDOE	
5. AUTHOR		6. DATE		Mined Geologic Disposal System Architecture	
7. REVIEWER		8. DATE		SECRET	
9. APPROVED		10. DATE		SECRET 58	

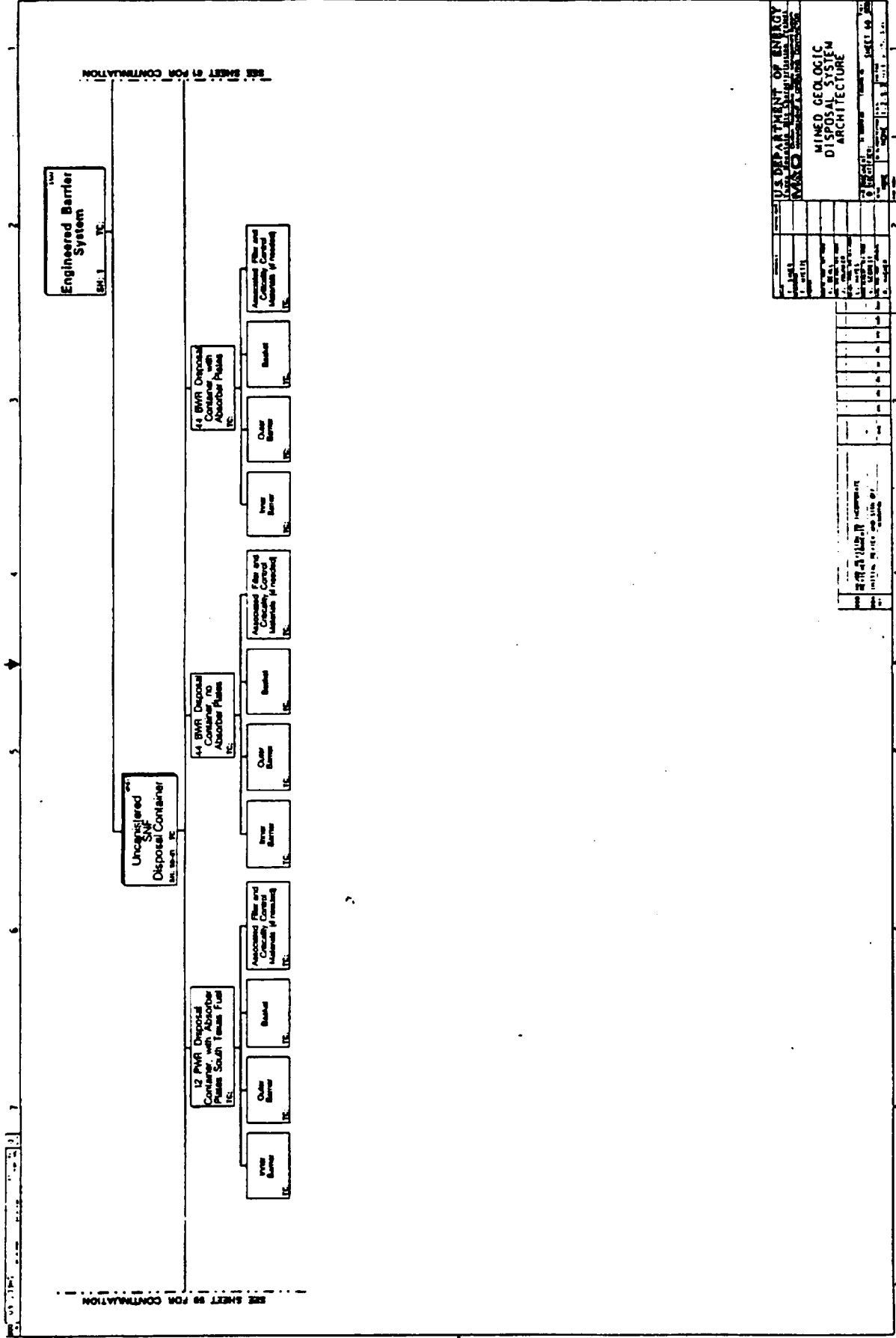
SEE SHEET 14 FOR CONTINUATION

SEE SHEET 15 FOR CONTINUATION



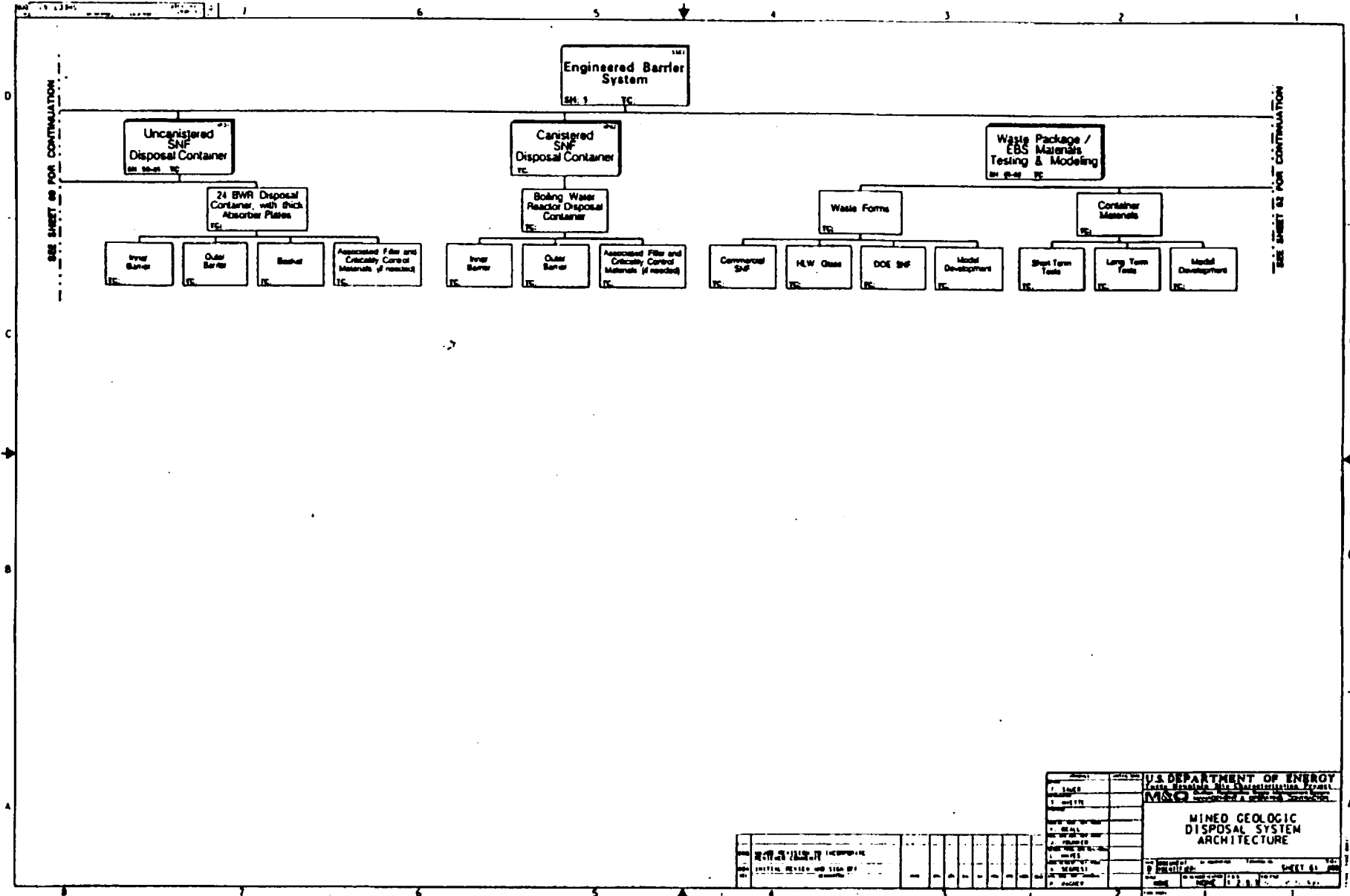
NO.	DATE	DESCRIPTION	BY	CHKD.

U.S. DEPARTMENT OF ENERGY
 Office of Environmental Management
 MDO
 MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE

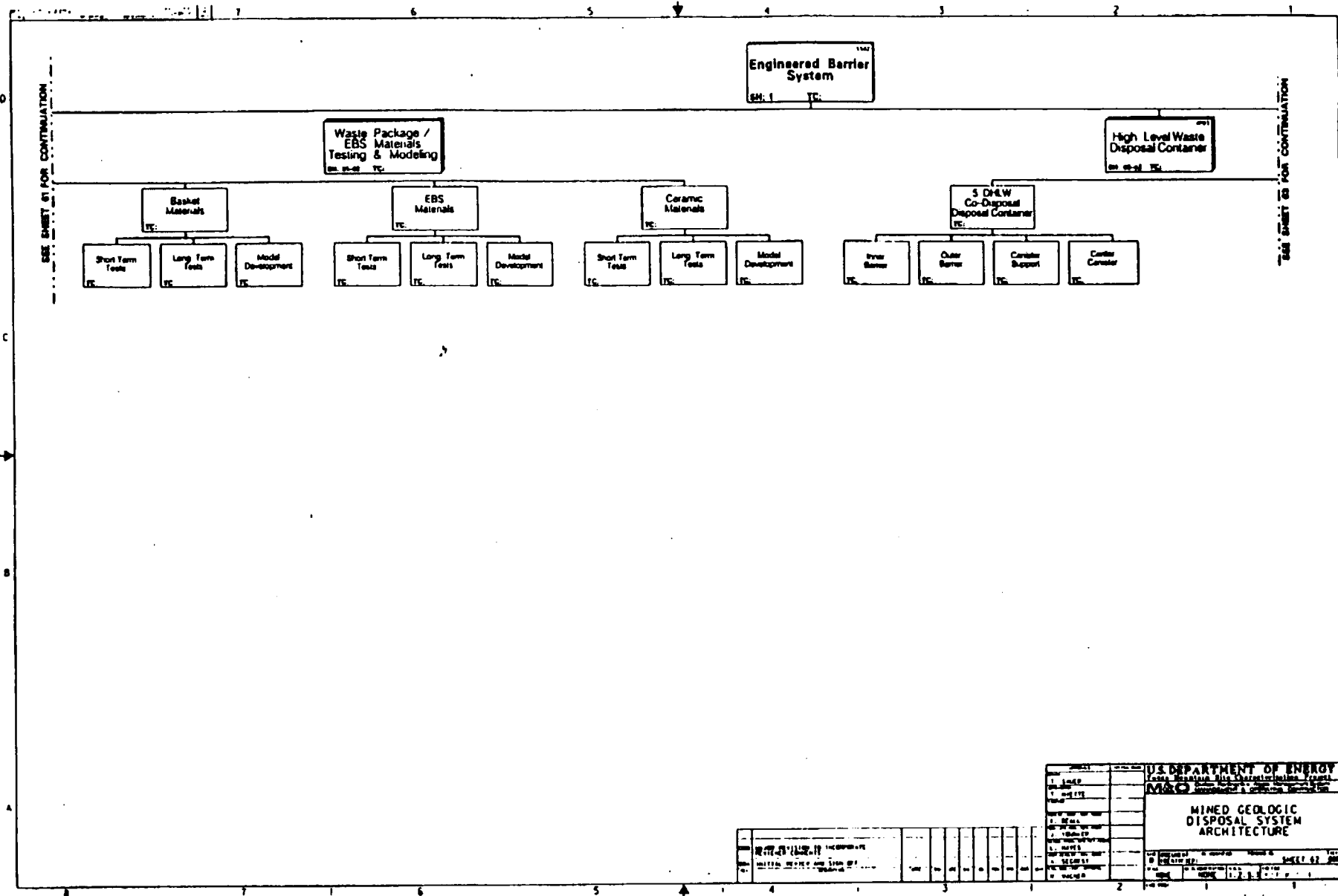


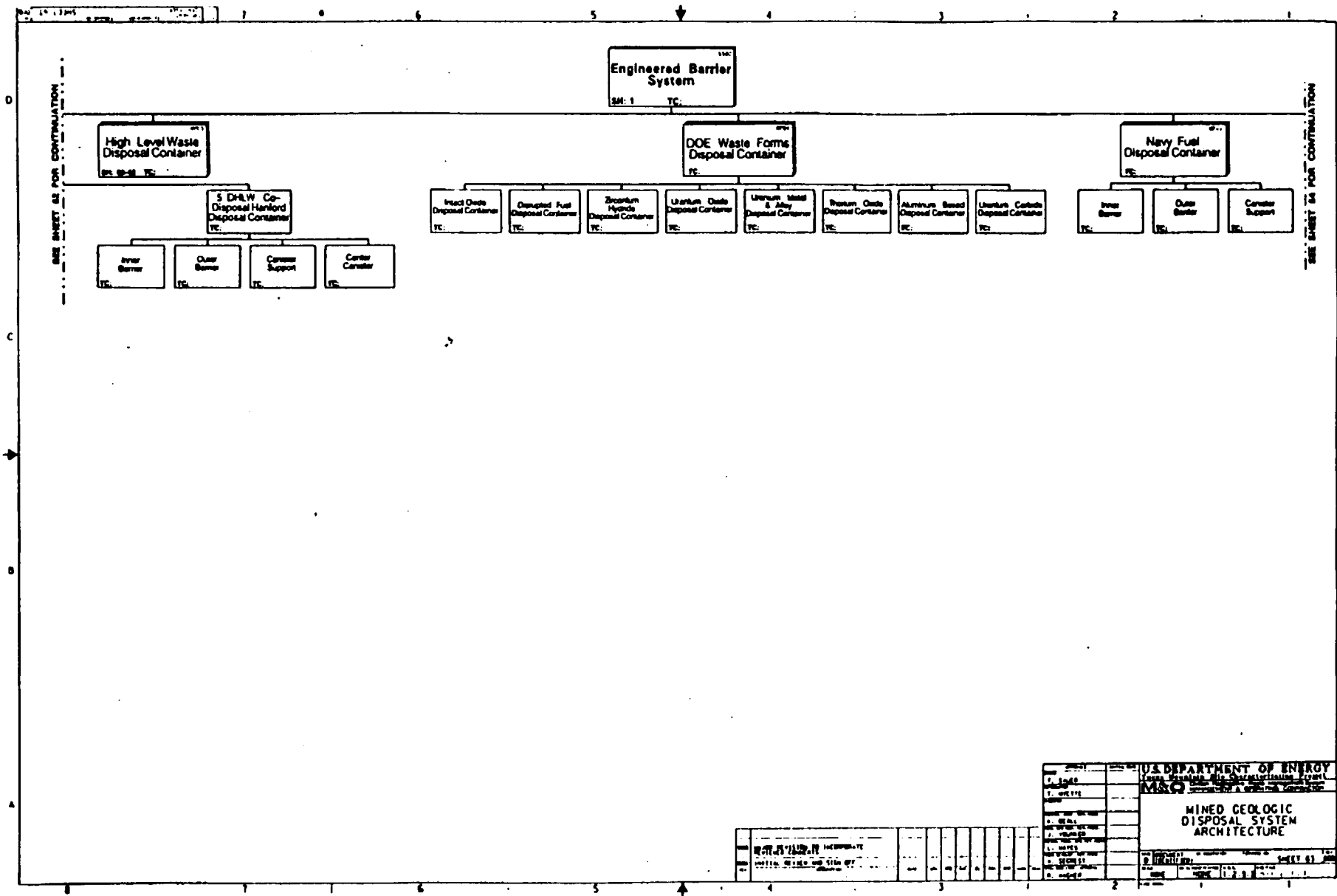
U.S. DEPARTMENT OF ENERGY	
Office of Environmental Management	
Waste Management and Environmental Systems Division	
M&E	
PROJECT: MINE GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
SHEET: 87 OF 88	
DATE: 11/11/94	
DRAWN BY: [Name]	
CHECKED BY: [Name]	
APPROVED BY: [Name]	

B0000000-01717-0200-00134 Rev. 00
 Attachment II Page II-60 of II-126



U.S. DEPARTMENT OF ENERGY	
Mined Geologic Disposal System	
M&O Research Subsystem	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
PROJECT NO. 100-10000000-01717-0200-00134	SHEET 61
DATE: 11/19/84	SCALE: AS SHOWN

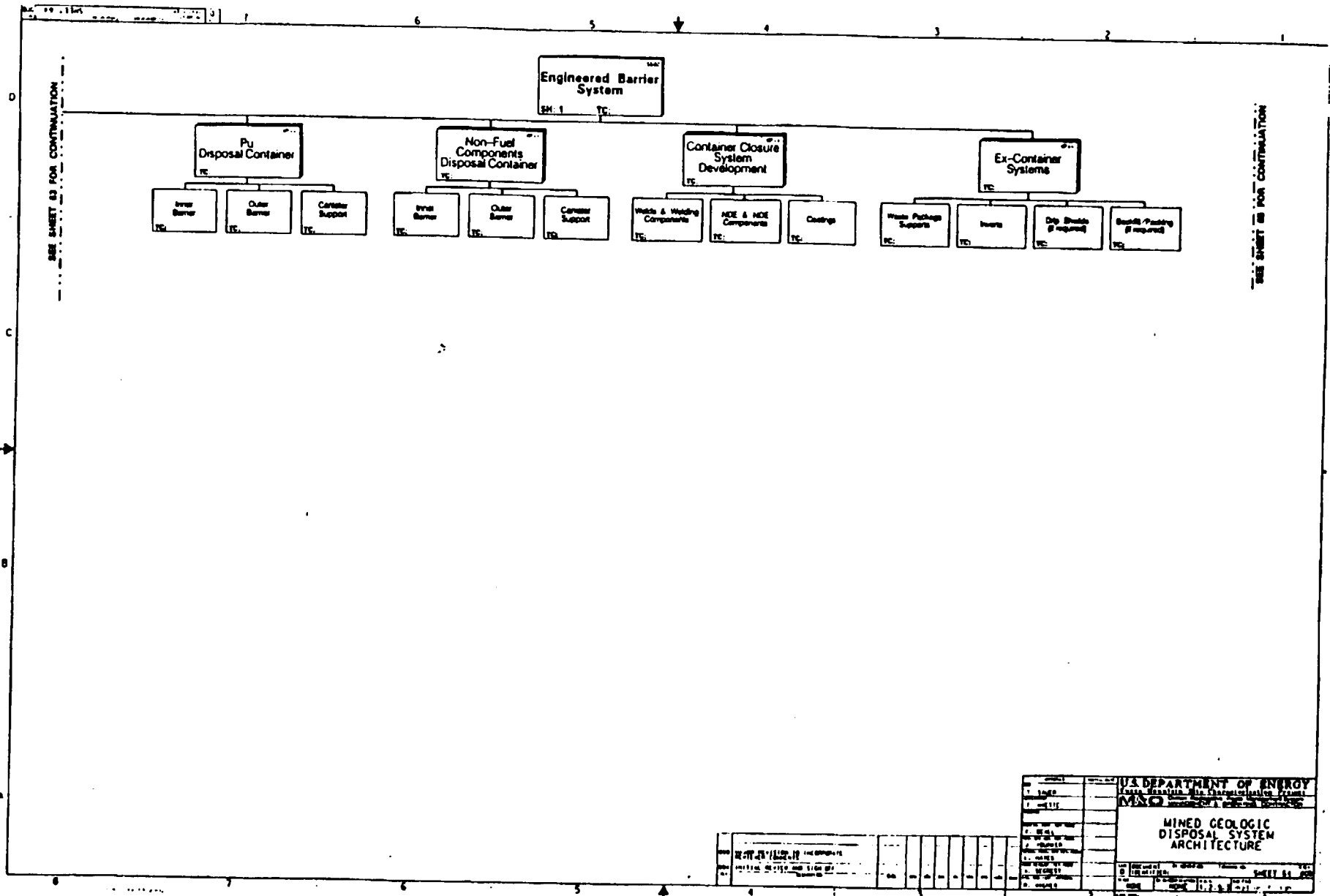




SEE SHEET 53 FOR CONTINUATION

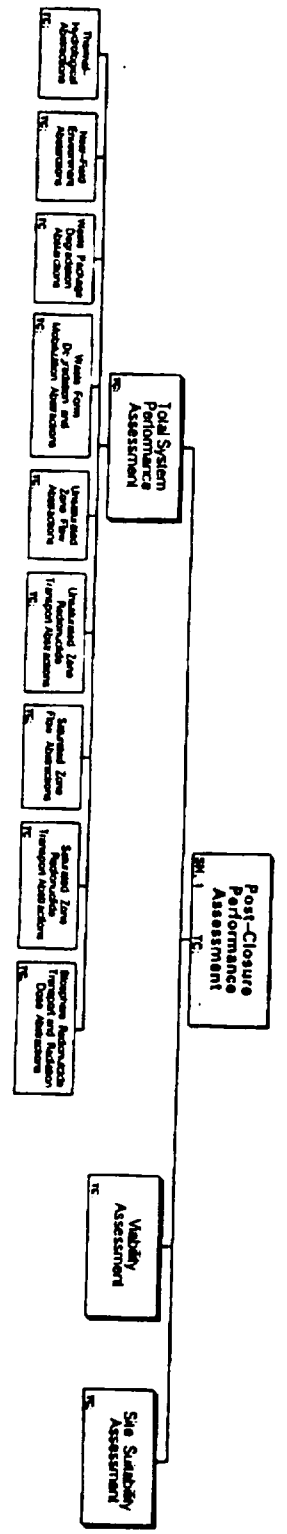
SEE SHEET 54 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY	
Office of Environmental Management	
M&O	
Mined Geologic Disposal System Architecture	
SHEET 51	



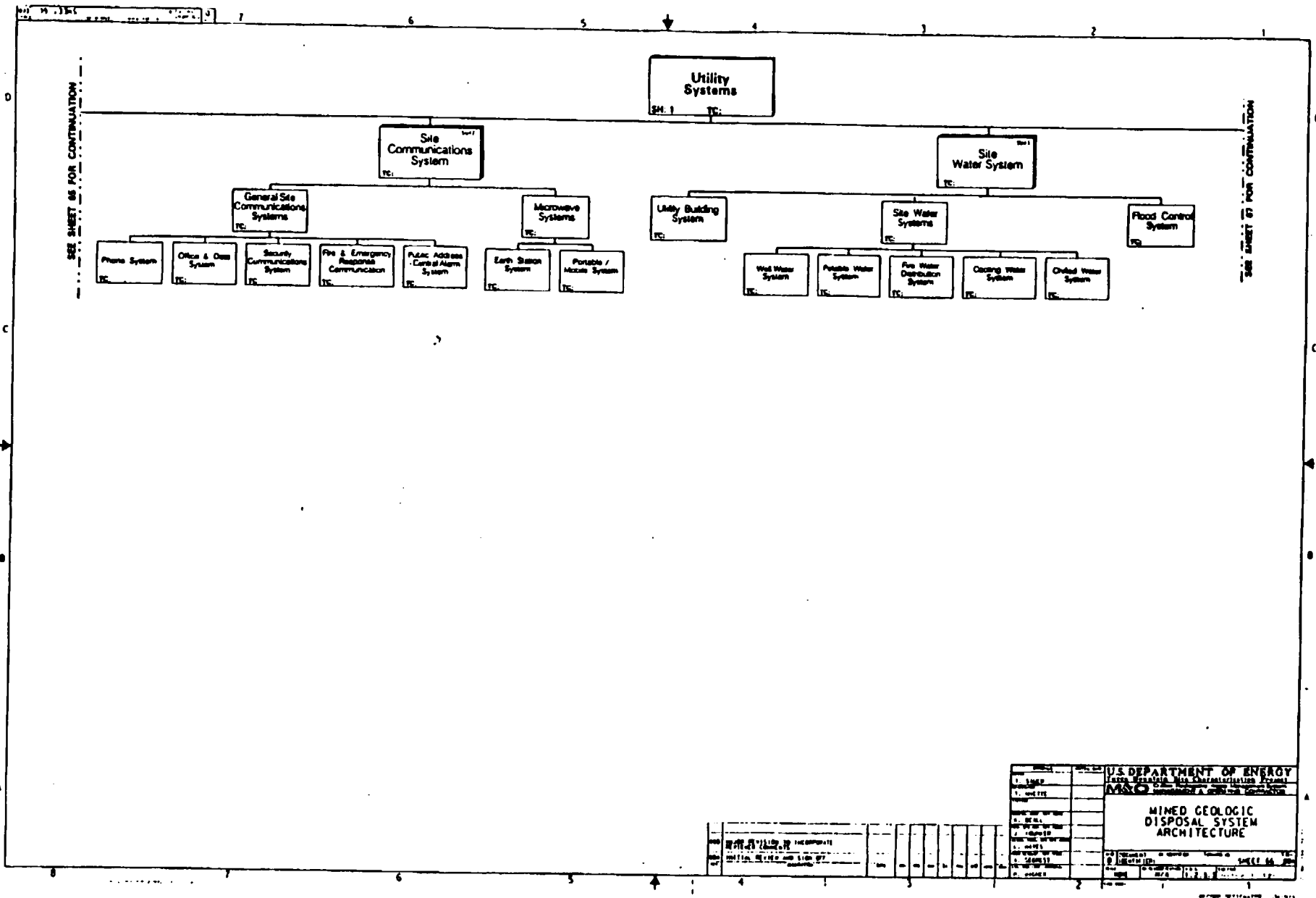
U.S. DEPARTMENT OF ENERGY Office of Environmental and Energy Programs MDO	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
SHEET 64 OF 64 SHEET 64 OF 64	SHEET 64 OF 64

SEE SHEET 64 FOR CONTINUATION



SEE SHEET 65 FOR CONTINUATION

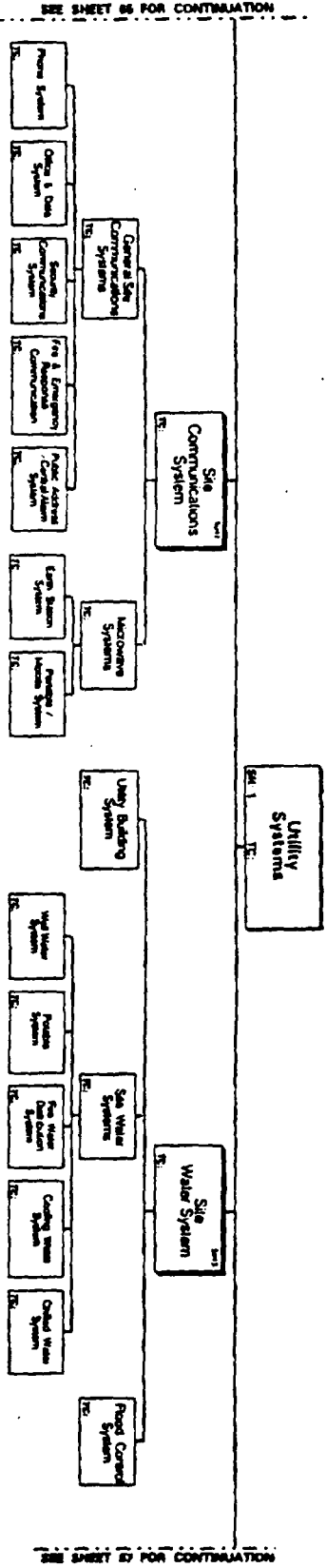
U.S. DEPARTMENT OF ENERGY		MINED GEOLGIC DISPOSAL SYSTEM ARCHITECTURE	
NO.	REVISION	DATE	BY
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3	1	11/11/00	...
4	1	11/11/00	...
5	1	11/11/00	...
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9	1	11/11/00	...
10	1	11/11/00	...



SEE SHEET 66 FOR CONTINUATION

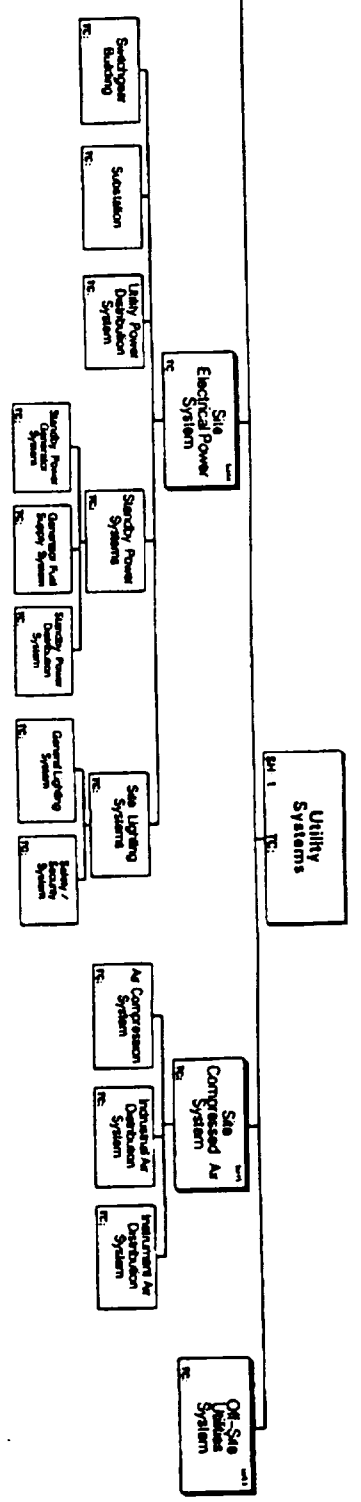
SEE SHEET 67 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY	
Yucca Mountain Site Characterization Project	
MDO	
MIMED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
DATE: 11/11/93	SHEET 66 OF 66



U.S. DEPARTMENT OF ENERGY	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
NO.	DESCRIPTION
1	Site Communications System
2	Site Water System
3	Road Control System
4	General Site Communications Systems
5	Fire & Emergency Response Communications
6	Public Address
7	Emergency Alarm
8	Utility Building
9	San Water
10	Cooling Water
11	Cold Water
12	Road Control System

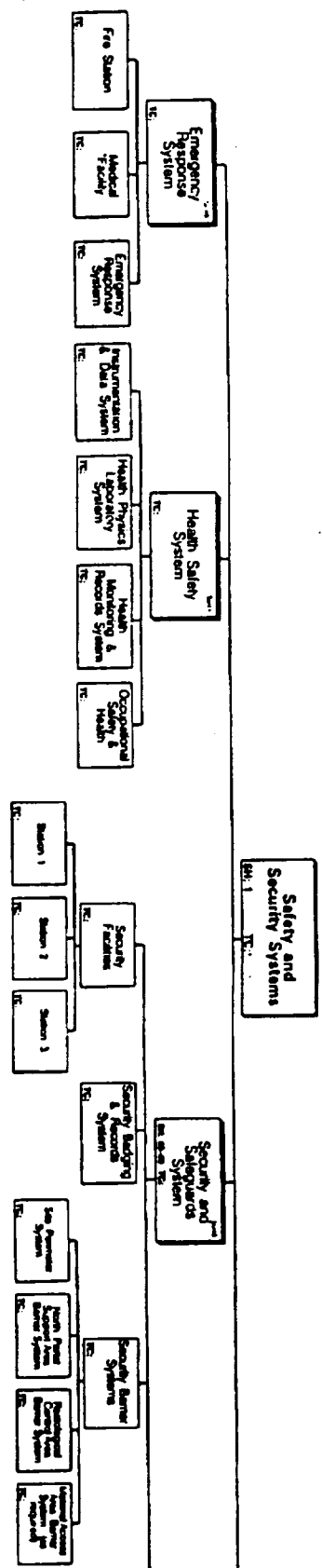
SEE SHEET 06 FOR CONTINUATION



SEE SHEET 06 FOR CONTINUATION

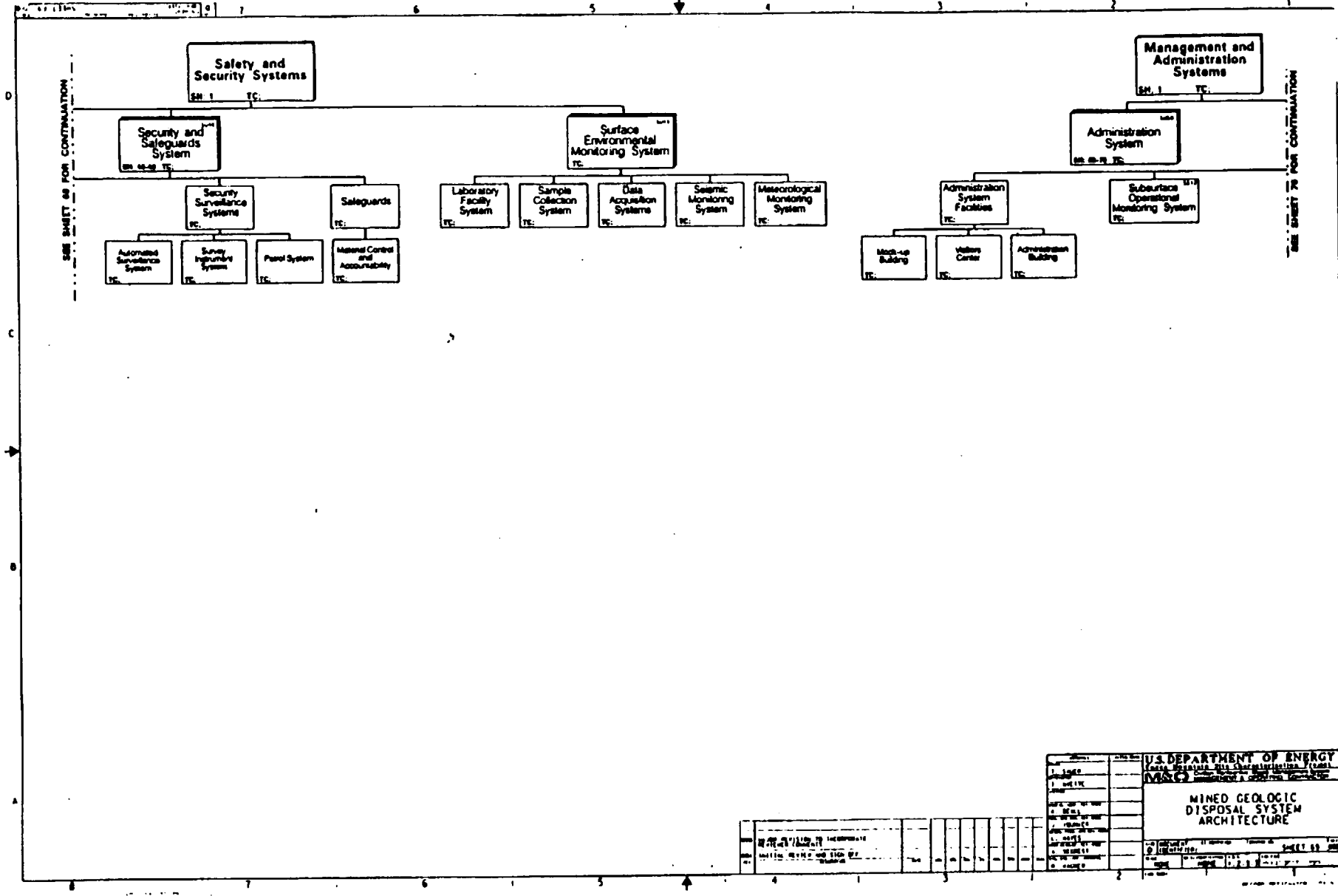
U.S. DEPARTMENT OF ENERGY	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
1. LEVEL	1.0
2. SHEET NO.	11-126
3. DATE	11/11/82
4. PROJECT NO.	11-126
5. DRAWING NO.	11-126
6. REVISION NO.	1
7. REVISION DATE	11/11/82
8. REVISION DESCRIPTION	
9. DESIGNER	
10. CHECKER	
11. APPROVER	
12. SCALE	
13. TYPED BY	
14. PLOTTED BY	
15. PLOTTED DATE	

SEE SHEET 67 FOR CONTINUATION



SEE SHEET 68 FOR CONTINUATION

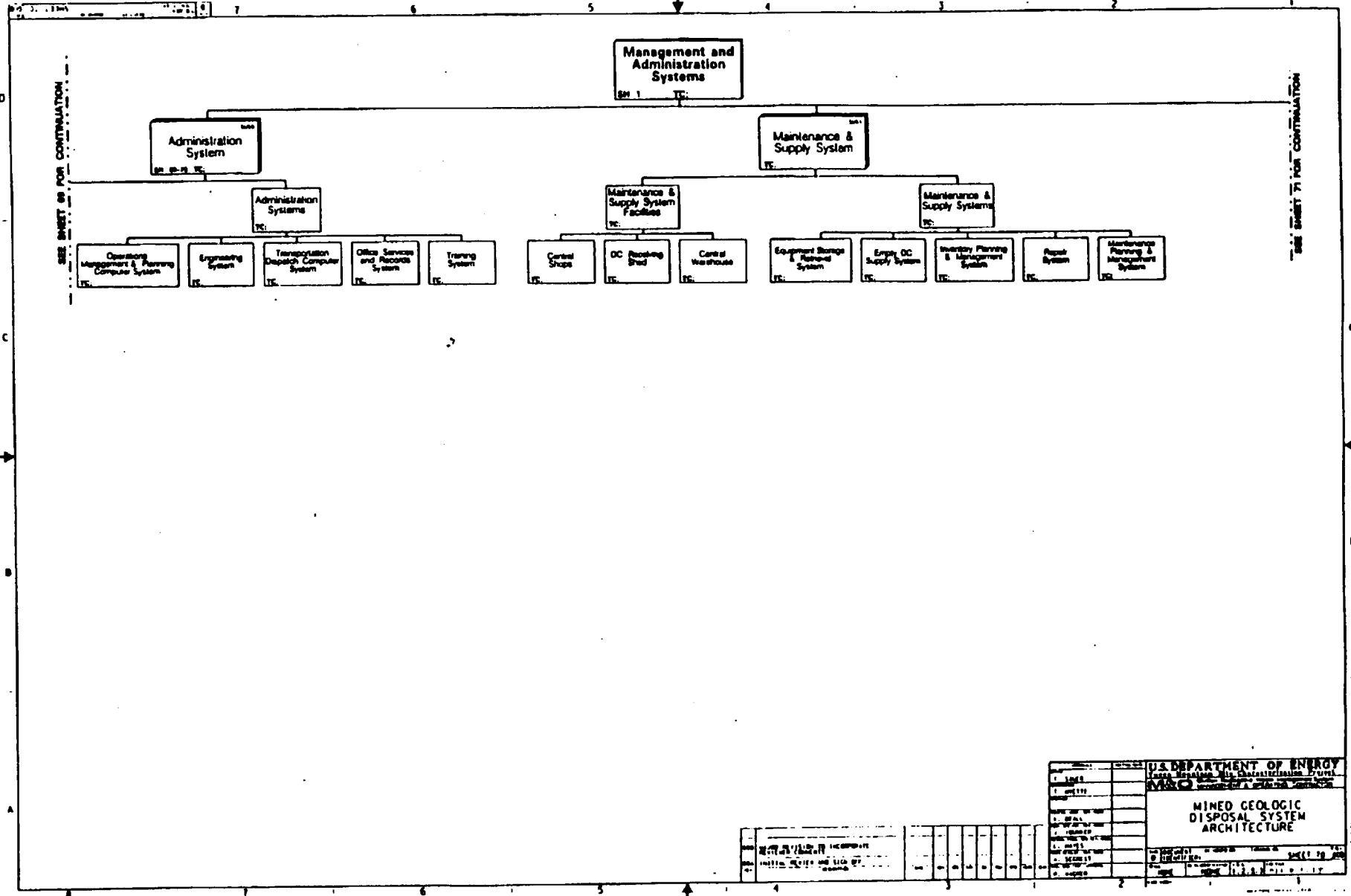
U.S. DEPARTMENT OF ENERGY	
MINING GEOLGIC SYSTEM ARCHITECTURE	
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NO. 5	NO. 6
NO. 7	NO. 8
NO. 9	NO. 10
NO. 11	NO. 12
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NO. 99	NO. 100



SEE SHEET 68 FOR CONTINUATION

SEE SHEET 69 FOR CONTINUATION

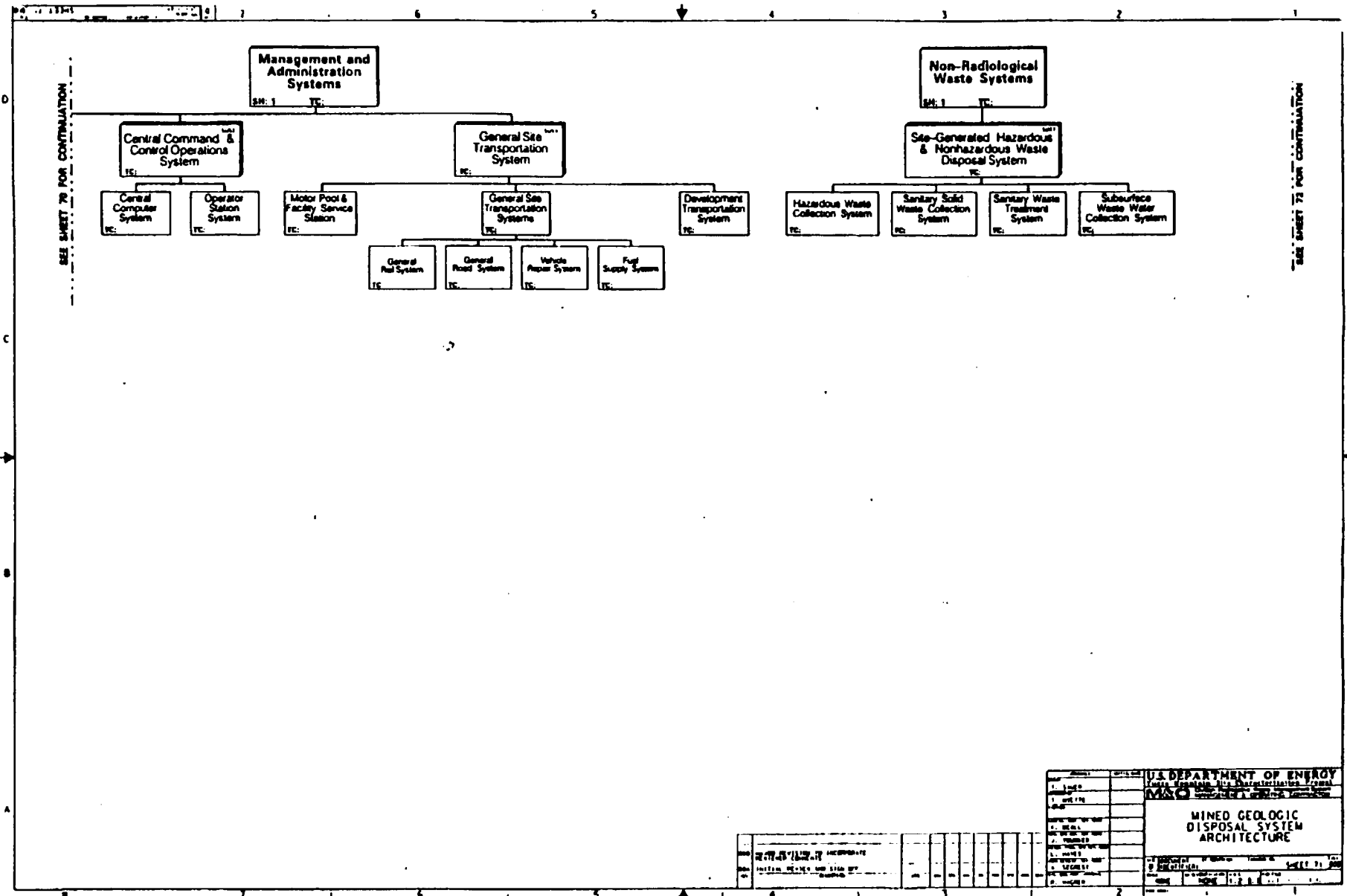
U.S. DEPARTMENT OF ENERGY	
Office of Environmental and Safety Administration	
MNSO	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
1. DATE	
2. REVISED	
3. BY	
4. CHECKED	
5. APPROVED	
6. REVISIONS	
7. COMMENTS	
8. SHEET NO.	68 OF 68



SEE SHEET 69 FOR CONTINUATION

SEE SHEET 71 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY	
Mined Geologic Disposal System Architecture	
MAG	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
SHEET NO. 71 OF 71	SHEET 71 OF 71



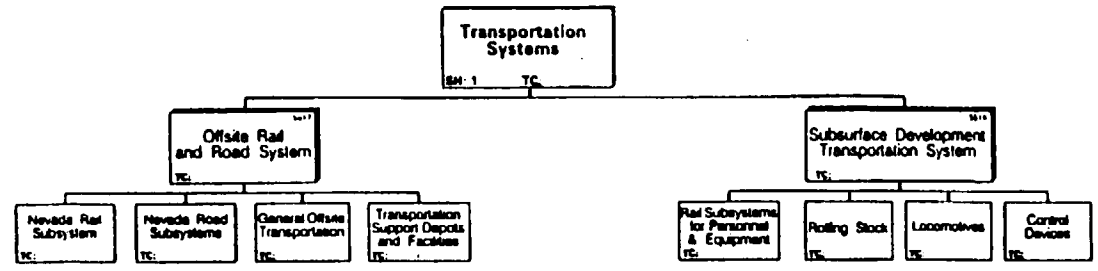
SEE SHEET 76 FOR CONTINUATION

SEE SHEET 72 FOR CONTINUATION

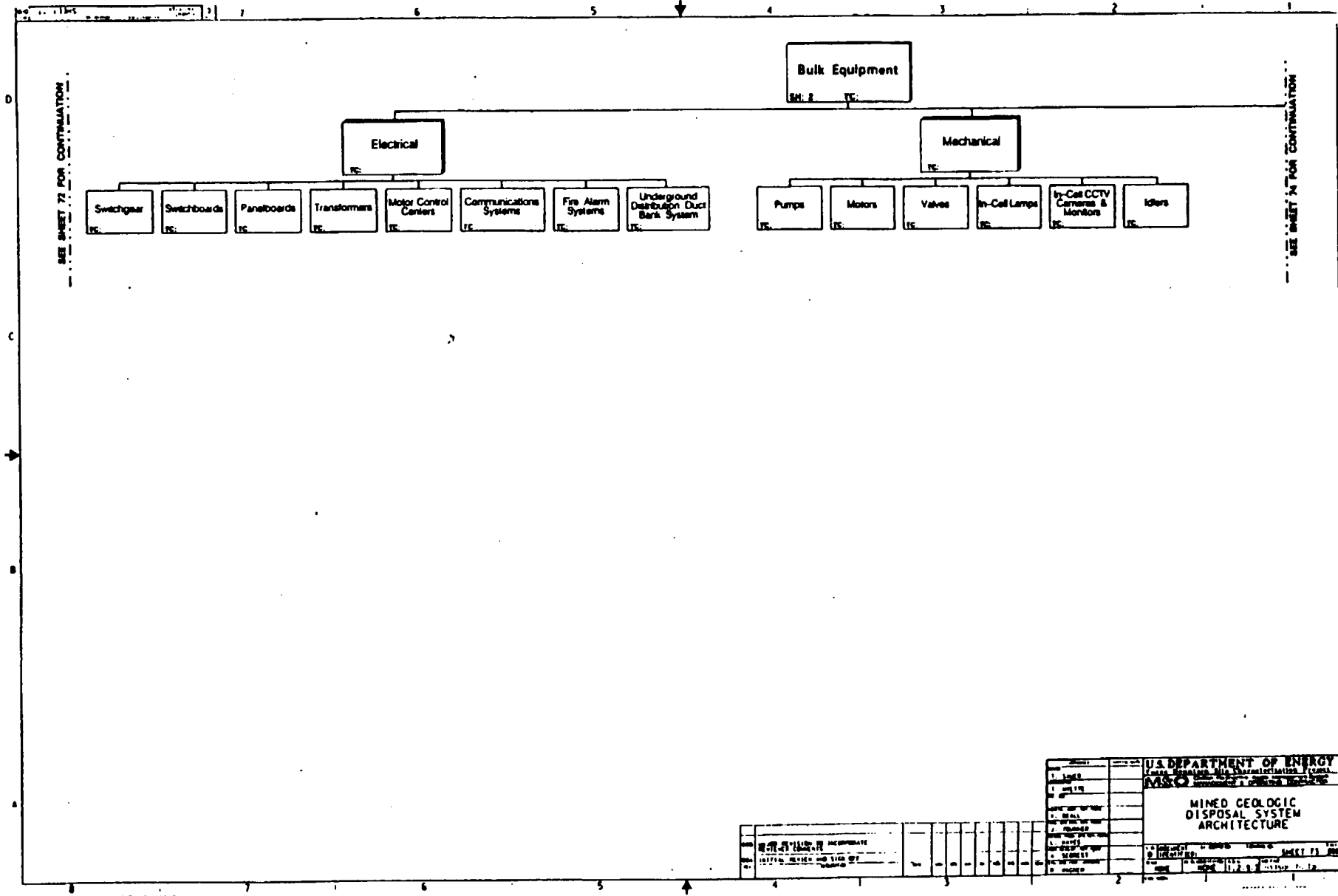
U.S. DEPARTMENT OF ENERGY	
Mined Geologic Disposal System	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
Project No.	01717-0200-00134
Sheet No.	72
Scale	AS SHOWN
Author	
Check	
Design	
Drawn	
Reviewed	
Approved	
Date	

SEE SHEET 71 FOR CONTINUATION

SEE SHEET 71 FOR CONTINUATION



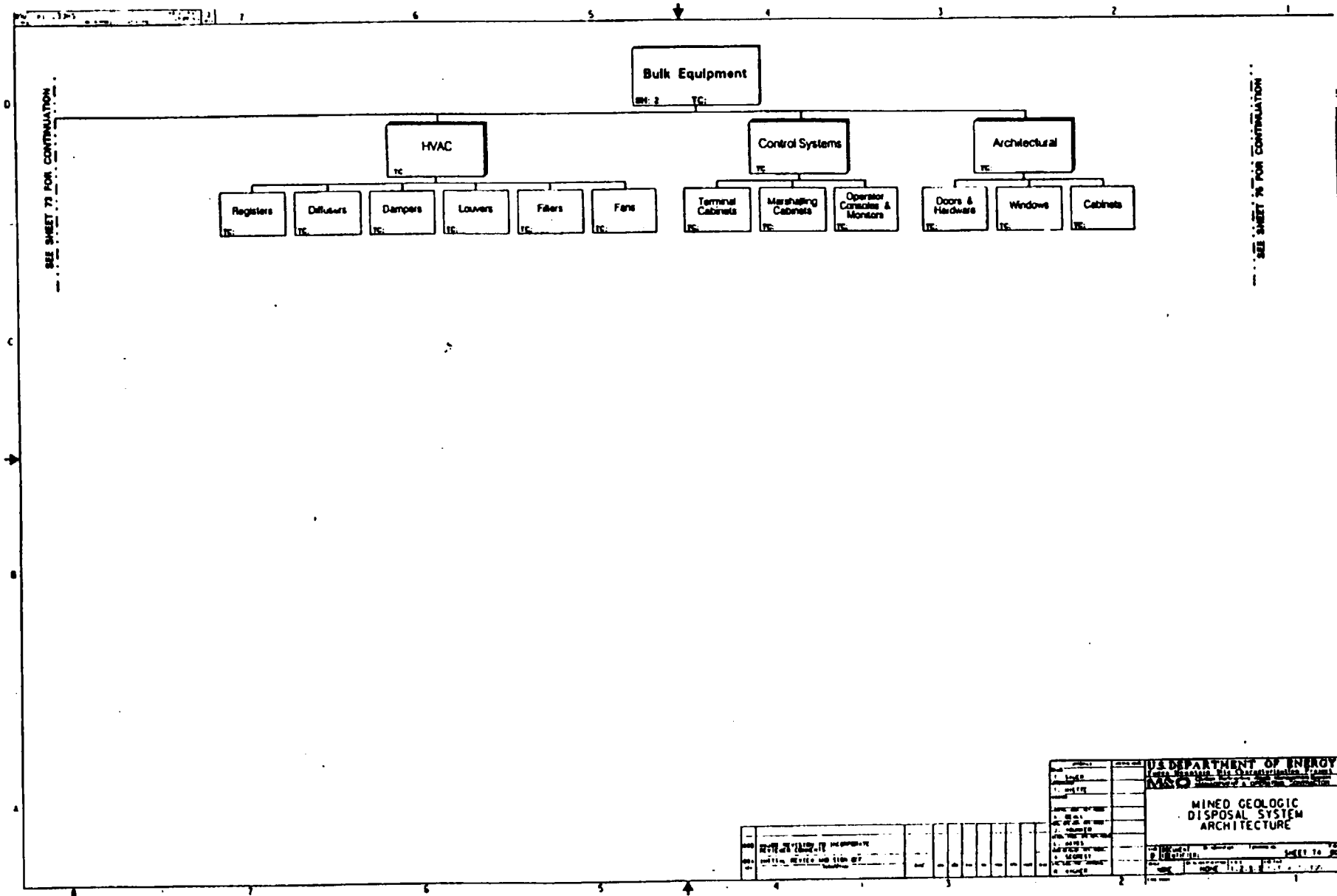
U.S. DEPARTMENT OF ENERGY Office of Environmental Research and Development MADCO		MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
PROJECT NUMBER: 100-10000000-01717-0200-00134		DATE: 11/11/80	
PROJECT TITLE: Mined Geologic Disposal System Architecture		DRAWING NUMBER: 100-10000000-01717-0200-00134-126	
DESIGNED BY: [Blank]		CHECKED BY: [Blank]	
DRAWN BY: [Blank]		DATE: 11/11/80	
SCALE: [Blank]		SHEET NO.: 126	
PROJECT LOCATION: [Blank]		PROJECT STATUS: [Blank]	
APPROVED BY: [Blank]		DATE: [Blank]	



SEE SHEET 72 FOR CONTINUATION

SEE SHEET 74 FOR CONTINUATION

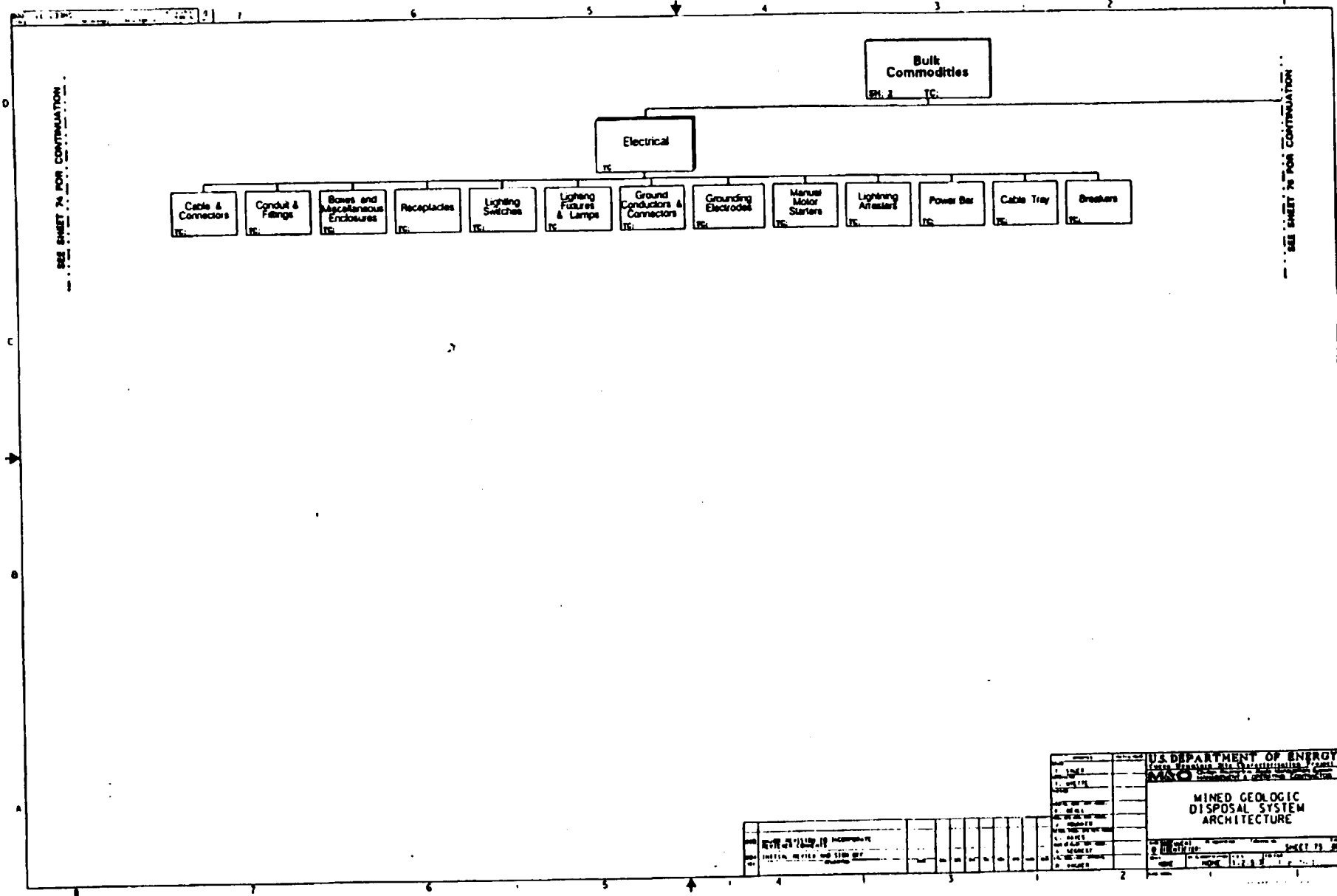
U.S. DEPARTMENT OF ENERGY	
Office of Environmental Management, P.O. Box 217, Y-12, Y-12, Y-12	
M&O	
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
NO. 1	NO. 2
NO. 3	NO. 4
NO. 5	NO. 6
NO. 7	NO. 8
NO. 9	NO. 10
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NO. 99	NO. 100



SEE SHEET 73 FOR CONTINUATION

SEE SHEET 76 FOR CONTINUATION

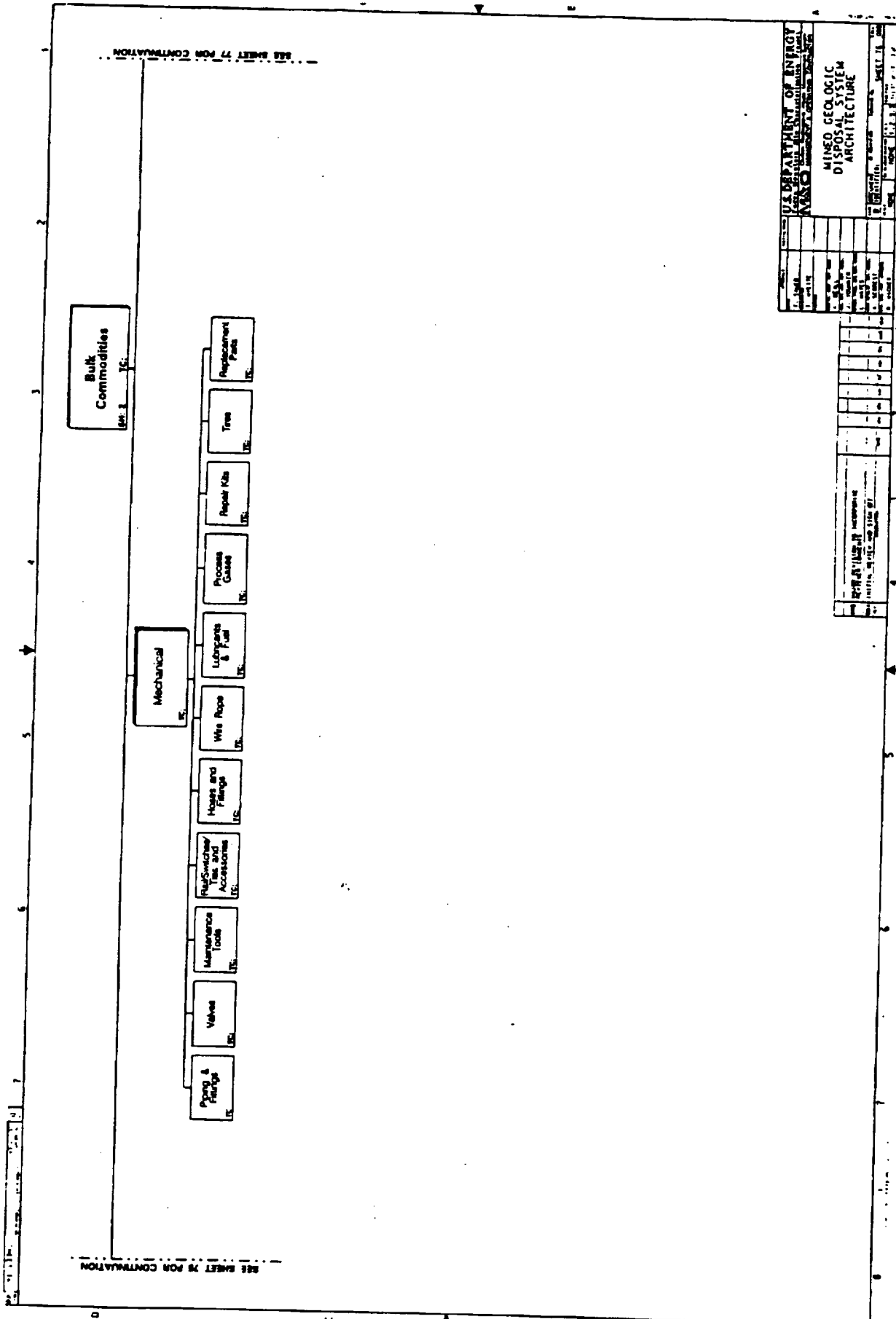
U.S. DEPARTMENT OF ENERGY	
Mined Geologic Disposal System Architecture	
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MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE	
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SEE SHEET 76 FOR CONTINUATION

SEE SHEET 76 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY Energy Research and Administration MINE GEOLGIC DISPOSAL SYSTEM ARCHITECTURE	
PROJECT NO. 111111 TITLE: MINE GEOLGIC DISPOSAL SYSTEM ARCHITECTURE DATE: 11/11/11 DRAWN BY: J. J. J. CHECKED BY: J. J. J. APPROVED BY: J. J. J.	SHEET 76 OF 76

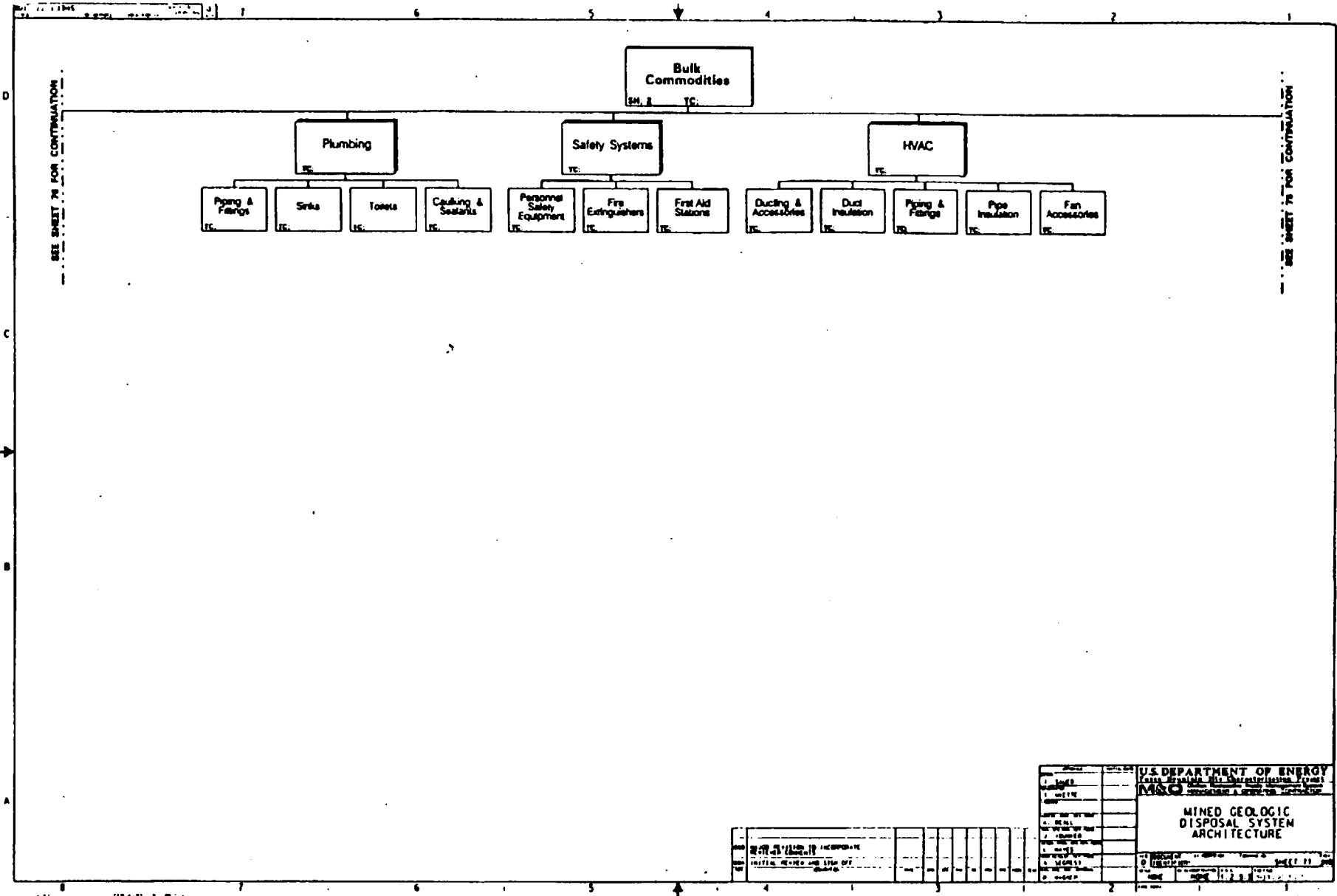


SEE SHEET 77 FOR CONTINUATION

SEE SHEET 78 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY	
OFFICE OF ENERGY EFFICIENCY AND ASSISTANCE	
ENERGY EFFICIENCY ASSISTANCE PROGRAM	
MINING, GEOLOGIC DISPOSITION SYSTEM ARCHITECTURE	
PROJECT NO.	10000000-01717-0200-00134
DATE	10/11/87
BY	J. J. ...
CHECKED BY	...
APPROVED BY	...
SCALE	AS SHOWN

FOR REVIEW	
DATE: 10/11/87	
BY: J. J. ...	
REVISIONS:	
NO.	DESCRIPTION
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4	...
5	...
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10	...



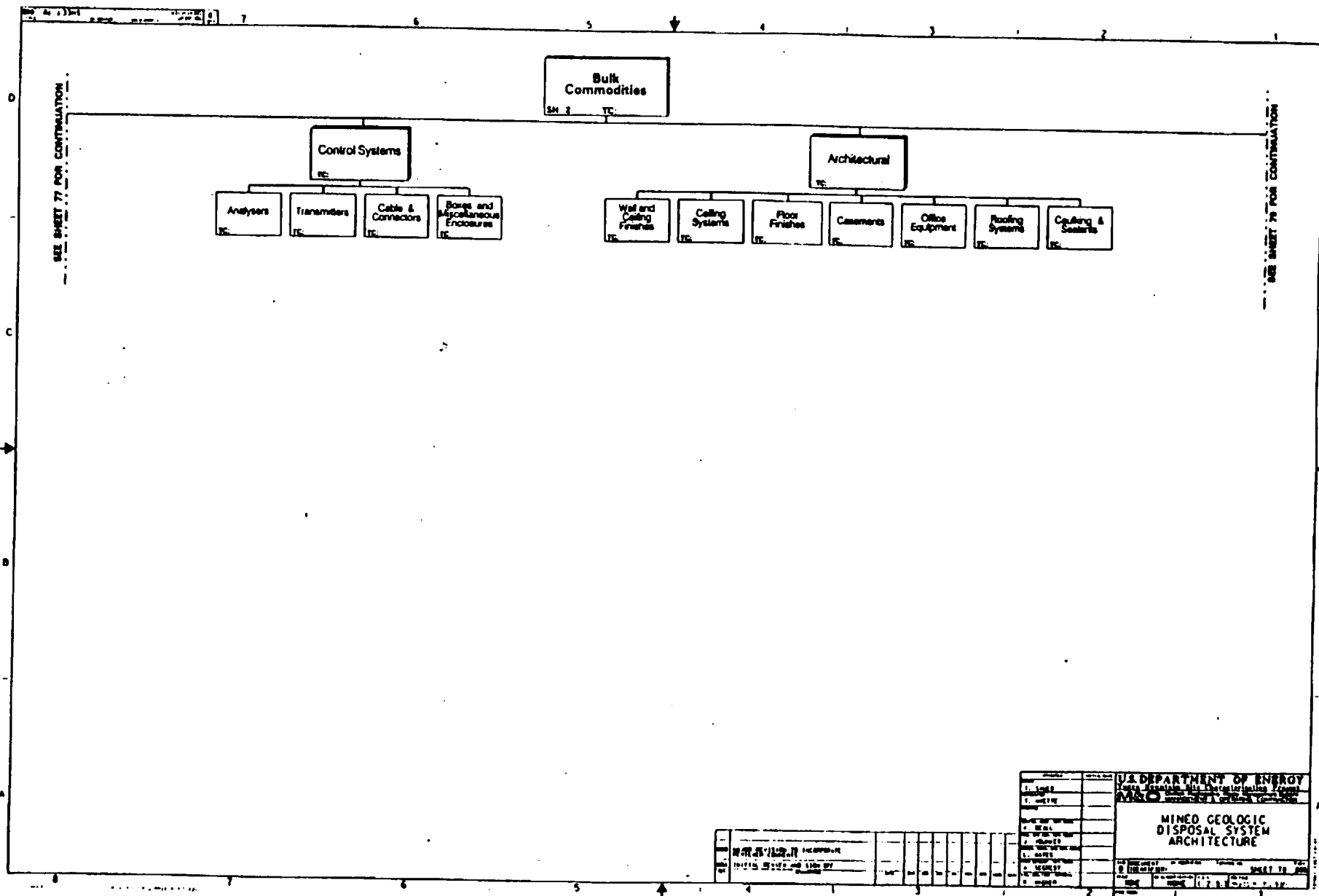
SEE SHEET 74 FOR CONTINUATION

SEE SHEET 75 FOR CONTINUATION

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR CONSTRUCTION		
2	REVISED		
3	REVISED		
4	REVISED		
5	REVISED		
6	REVISED		
7	REVISED		
8	REVISED		

U.S. DEPARTMENT OF ENERGY
 Mine Safety and Health Administration
MSHA
Mined Geologic Disposal System Architecture

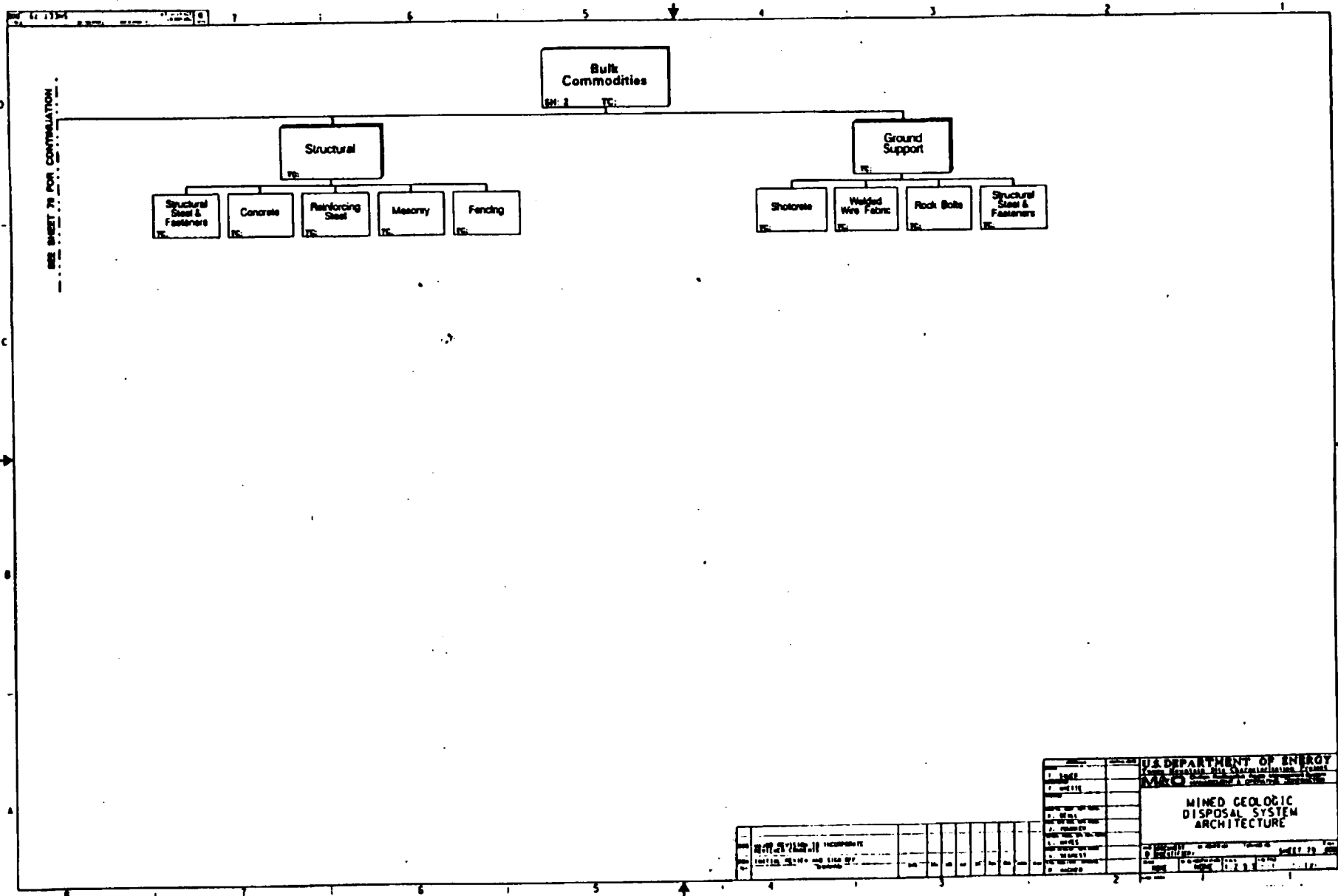
DESIGN NO. 11-2-8-8
 SHEET 77



SEE SHEET 77 FOR CONTINUATION

SEE SHEET 78 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY Office of Environmental and Safety Programs Mined Geologic Disposal System Architecture	
PROJECT TITLE: Mined Geologic Disposal System Architecture PROJECT NUMBER: 01717-0200-00134 SHEET NO: 79	SHEET 79 OF 80



SEE SHEET 79 FOR CONTINUATION

U.S. DEPARTMENT OF ENERGY			
Mined Geologic Disposal System			
MAC			
MINED GEOLOGIC DISPOSAL SYSTEM ARCHITECTURE			
NO. 1	NO. 2	NO. 3	NO. 4
NO. 5	NO. 6	NO. 7	NO. 8
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