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**CLEAR WASTE MANAGEMENT PROGRAM**

CONTROLLED COPY NO. 83

Subject: **TABLE OF CONTENTS** Approved: No Approval Required

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A. Title Page Control sheet	Title Page Control Sheet	3/29/85		1
B. Preface	Preface	12/24/86		1
C. Terms and Definitions	Terms and Definitions	4/28/88		7
Terms and Definitions	Interim Change Notice	5/24/88	Addition	0
D. Table of Contents	Table of Contents	1/11/89		27
033-NWMP-P 1.0	Organization	10/15/87	APPROVED	1
033-NWMP-P 2.0	Assurance	12/24/86	APPROVED	0
033-NWMP-P 2.1	Review & Approval of QA Requirements and Procedures	2/3/87	APPROVED	0
033-NWMP-P 2.2	Peer Review	11/19/87		1
033-NNWSI-P 2.5	Peer Review of Barrier Material Selection Criteria and Barrier Material Selection	6/15/88	ISSUED	0

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033-NWMP-P 3A.0	Memorandum NWM:LR 86-162 Scientific Investigation & Design Control	6/27/86 6/27/86	Interim Procedure	
033-NNWSI-P 3A.3	Establishment of Criteria for Metal Barrier Selection	6/8/88	ISSUED	0
033-NWMP-P 3B.0	Design Control	12/24/86	APPROVED	0
033-NWMP-P 3B.1	Drawing Control		In Preparation	
033-NWMP-P 4.0	Interim Change Notice	5/6/87	Addition	0
033-NWMP-P 4.0	Instructional Memorandum #4-1	1/15/88	ISSUED	0
033-NWMP-P 4.0	Instructional Memorandum #4-2	1/15/88	ISSUED	0
033-NWMP-P 4.0	Procurement Document Control	12/24/86	APPROVED	0
033-NWMP-P 4.1	Use of Fabrication Accounts & Laboratory Fabrication Services	3/25/88	ISSUED	0
033-NWMP-P 4.2	Use of Laboratory Technical Support Services	3/25/88	ISSUED	0
033-NWMP-P 5.0	Instructions, Procedures & Drawings	6/24/86	APPROVED	1
033-NWMP-P 5.1	Preparation of Technical Procedures	6/24/86	APPROVED	0
033-NWMP-P 5.2	Review and Approval of Technical Procedures	6/24/86	APPROVED	0
033-NWMP-R 6.0	Document Control	6/24/86	APPROVED	1
033-NWMP-P 6.1	Issue of Controlled Documents	6/24/86	APPROVED	1
033-NWMP-P 7.0	Control of Purchased Materials, Equipment and Services	12/24/86	APPROVED	0

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033-NWMP-R 8.0	Identification and Control of Materials, Parts and Components	12/24/86	APPROVED	0
033-NNWSI-P 8.1	Procedure for Preparing Crushed Rock Samples		In Preparation	
033-NNWSI-P 8.2	Sample Catalog Procedure		In Preparation	
033-NNWSI-P 8.3	Procedure for Preparing Core Wafer Samples		In Preparation	
033-NNWSI-P 8.4	Sample Labeling & Tracking Glass Waste Form Testing		In Preparation	
033-NNWSI-P 8.5	Procedure for Rock Sample Collection		In Preparation	
033-NNWSI-P 8.6	Procedure for Preparation of Solid Powder Samples Suspended in Pressed KBr Disks		In Preparation	
033-NNWSI-P 8.7	Preparation of Sawn Glass Monoliths		In Preparation	
033-NNWSI-P 8.8	Procedure for Preparing Rock Samples		In Preparation	
033-NNWSI-P 8.9	Procedure for Mineral Cataloging		In Preparation	
033-NNWSI-P 8.10	Identification and Control of Mill Finish Materials, Parts, and Components	12/18/87	ISSUED	0
033-NNWSI-P 8.11	Procedure for Identification, Tagging, Storage, and Documentation of Treatments for Metal Barriers Test Specimens	4/22/88	ISSUED	0
033-NWMP-P 8.12	Qualification of Equipment and Material for use on Level of Quality Assurance I and II Activities	3/25/88	ISSUED	0
033-NWMP-R 9.0	Control of Processes	12/24/86	APPROVED	0

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033-NWMP-R 10.0	Inspection	12/24/86	APPROVED	0
033-NWMP-R 11.0	Test Control	1/26/87	APPROVED	0
033-NWMP-R 11.1	Requirements for Procedures for Analysis or for Instrumentation		In Preparation	
033-NNWSI-P 11.2	Procedure for Carbonate Analysis Using the OIC Model 524D Carbon Analyzer		In Preparation	
033-NNWSI-P 11.3	Testing Rock-Water Interactions Using a Rocking Autoclave	3/24/87	ISSUED	0
033-NNWSI-P 11.4	X-Ray Diffraction Characterization		In Preparation	
033-NNWSI-P 11.5	Determination of Anions in Water by Ion Chromatography		In Preparation	
033-NNWSI-P 11.6	ICP-AES Analysis for Trace Elements in Solutions		In Preparation	
033-NNWSI-P 11.7	Static Leach Test		In Preparation	
033-NNWSI-P 11.8	Pu-Np Separation, Pu Repurification, and Plating Preparation		In Preparation	
033-NNWSI-P 11.9	SEM and Microprobe Analysis		In Preparation	
033-NNWSI-P 11.10	Nuclear Waste Management Program Nevada Nuclear Waste Storage Investigations Project Test Plan: Prototype Engineered Barrier Design Testing	3/21/87	ISSUED	0

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033-NNWSI-P 11.11	Interim Change Notice	3/21/88	Addition	0
033-NNWSI-P 11.11	Borescope Surveys to Map Fractures Intercepting Boreholes	11/20/87	ISSUED	0
033-NNWSI-P 11.12	Interim Change Notice	3/21/88	Addition	0
033-NNWSI-P 11.12	Neutron and Gamma (Density) Logging in Welded Tuff	11/24/87	ISSUED	0
033-NNWSI-P 11.13	Interim Change Notice	3/21/88	Addition	0
033-NNWSI-P 11.13	Borehole Television Surveys To Map Fractures Along Horizontal or Subhorizontal Boreholes	11/30/87	ISSUED	0
033-NNWSI-P 11.14	Determination of Trace Elements in J-13 Well Water by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES)		In Preparation	
033-NNWSI-P 11.15	Grouting a Measurement Borehole	2/22/88	ISSUED	0
033-NNWSI-P 11.16	Installation and Operation of the Electromagnetic Measurement System		In Preparation	
033-NNWSI-P 11.17	Procedure for Microprobe Analysis		In Preparation	
033-NNWSI-P 11.18	Measurement of Suction Potential Via Relative Humidity in Unsaturated Rock		In Preparation	
033-NNWSI-P 11.19	Air Permeability Measurements	2/25/88	ISSUED	0
033-NNWSI-P 11.20	Installation and Operation of The Heater Assembly and Moisture Collection System	4/21/88	ISSUED	0
033-NNWSI-P 11.22	Operation of the Data Acquisition System	5/24/88	ISSUED	0
033-NWMP-R 12.0	Control of Measuring and Test Equipment	12/24/86	APPROVED	0
033-NNWSI-P 12.1	Laboratory Calibration of the Goodman Borehole Jack	12/17/84	ISSUED	0

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033-NNWSI-P 12.2	Calibrating Balances	2/18/87	ISSUED	0
033-NNWSI-P 12.3	Calibrating Data Log Systems, Temperature Controllers, and Digital Displays		In Preparation	
033-NNWSI-P 12.4	Calibrating Pressure Transducers		In Preparation	
033-NNWSI-P 12.5	Calibration of Thermocouples		In Preparation	
033-NNWSI-P 12.6	Measurement of the pH of Aqueous Solutions with the Glass Electrode		In Preparation	
033-NNWSI-P 12.7	Calibration of Length Measuring Instruments		In Preparation	
033-NNWSI-P 12.8	Procedure for Measurement, Accuracy, Calibration and Records for Metal Barriers Samples	4/22/88	ISSUED	0
033-NNWSI-P 12.9	Temperature Measurements		In Preparation	
033-NNWSI-P 12.10	Calibration, Installation and Operation of the Microwave Resonator Humidity Measurement System		In Preparation	
033-NNWSI-P 12.11	Calibration of Potentiostats/ Galvanostats		In Preparation	
003-NNWSI-P 12.12	Receiving, Handling, Storage, and Access Control of Standards Used For Calibration of An X-Ray Diffractometer		In Preparation	
033-NWMP-R 13.0	Handling, Storage and Shipping	12/24/86	APPROVED	0
033-NNWSI-P 13.1	Interim Change Notice	4/18/88	Addition	0
033-NNWSI-P 13.1	Collection, Storage & Distribution of J-13 Water	4/21/87	ISSUED	0

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033-NNWSI-P 13.2	Handling, Storage, and Shipping of Mill Finish Metals	12/18/87	ISSUED	0
033-NWMP-R 14.0	Inspection, Test and Operating Status	12/24/86	APPROVED	0
033-NWMP-P 15.0	Nonconformances	1/15/87	APPROVED	0
033-NWMP-P 16.0	Interim Change Notice	5/24/88	Addition	0
033-NWMP-P 16.0	Corrective Action	12/24/86	APPROVED	0
033-NWMP-P 17.0	Quality Assurance Records	6/24/86	APPROVED	1
033-NWMP-P 17.1	Receipt and Review of Quality Assurance Records	10/12/87	APPROVED	1
033-NNWSI-P 17.2	Identification and Indexing of Quality Assurance Records	10/12/87	ISSUED	1
033-NWMP-P 17.3	Storage of Quality Assurance Records	10/12/87	APPROVED	1
033-NNWSI-P 17.4	Transmittal of Quality Assurance Records	10/12/87	ISSUED	1
033-NNWSI-P 17.5	Receipt and Verification of Film Received	10/12/87	ISSUED	1
033-NWMP-P 17.6	Retrieval of Quality Assurance Records	12/24/86	APPROVED	0
033-NNWSI-P 17.7	Acceptance of Data Generated Before 1980 & Non-NNWSI Data	12/24/86	APPROVED	0

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033-NWMP-P 17.8	Storage of One-of-a-Kind Items		In Preparation	
033-NWMP-P 17.9	Transmittal of Quality Assurance Records to the Local Records Center	11/9/87	ISSUED	0
033-NWMP-P 18.0	Interim Change Notice	5/24/88	Addition	0
033-NWMP-P 18.0	Audits	6/24/86	APPROVED	2
033-NWMP-P 18.1	Surveillance	12/24/86	RESCINDED	0
033-NWMP-P 18.2	Qualification of Quality Assurance Audit Personnel	6/24/86	APPROVED	0
033-NWMP-R 19.0	Software Quality Assurance	12/24/86	APPROVED	0
033-NWMP-R 19.1 (EQ3/6)	Appendix 1	10/25/86	ISSUED	0
033-NWMP-R 19.1 (EQ3/6)	Appendix 2	10/25/86	ISSUED	0
033-NWMP-R 19.1 (EQ3/6)	Requirements for Development and use of Scientific and Engineering Software	10/25/86	ISSUED	0
033-NWMP-R 19.2 (EQ3/6)	Coding Standards for Fortran Computer Codes	10/25/86	ISSUED	0
033-NWMP-P 19.3 (EQ3/6)	Acquisition and Evaluation of Computer Codes	10/25/86	ISSUED	0
033-NWMP-P 19.4 (EQ3/6)	Development of Computer Codes	10/25/86	ISSUED	0
033-NWMP-P 19.5 (EQ3/6)	Verification and Validation of Computer Codes	10/25/86	ISSUED	0



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033-NWMP-P 19.6 (EQ3/6)	Documentation of Scientific and Engineering Software	10/25/86	ISSUED	0
033-NWMP-P 19.7 (EQ3/6)	Peer Review of Scientific and Engineering Software	10/25/86	ISSUED	0
033-NWMP-P 19.8 (EQ3/6)	Transfer of Computer Codes	10/25/86	ISSUED	0
033-NWMP-P 19.9 (EQ3/6)	Application of Scientific and Engineering Software	10/25/86	ISSUED	0
033-NWMP-P 19.10 (EQ3/6)	Error Reporting and Resolution	10/25/86	ISSUED	0
033-NWMP-P 19.11 (EQ3/6)	Working Environment for Storage, Development, and Application of Computer Codes	10/25/86	ISSUED	0
033-NWMP-P 19.12 (EQ3/6)	Backup and Archiving of Computer Codes	10/25/86	ISSUED	0
033-NWMP-P 20.0	Assigning Levels of Quality Assurance	12/24/86	APPROVED	0
033-NWMP-P 20.1	Numbering of Activities	12/24/86	APPROVED	0
033-NWMP-R 21A.0	Training	12/24/86	APPROVED	0
033-NWMP-R 21B.0	Qualification of Personnel	12/24/86	APPROVED	0
33-NWMP-P 22.0	Instructional Memorandum #22-1	10/4/87	ISSUED	0
033-NWMP-P 22.0	Interim Change Notice	11/23/87	Addition	0
033-NWMP-P 22.0	Interim Change Notice	3/29/88	Addition	0
033-NWMP-P 22.0	Technical Review of Publications	3/13/87	APPROVED	0