

NUCLEAR WASTE MANAGEMENT PROGRAM

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Subject:

APPENDIX D - "REQUIREMENTS FOR THE QUALIFICATIONS OF
NON-DESTRUCTIVE EXAMINATION PERSONNEL"

Approved: FEB 16 1989

Approved by: [Signature] 12/20/88 Date
Yucca Mountain Project Leader

Approved by: [Signature] 12/16/88 Date
Quality Assurance Manager

This Appendix provides amplified requirements for the qualification of personnel who perform radiographic (RT), magnetic particle (MT), ultrasonic (UT), liquid penetrant (PT), eddy current (ET), neutron radiographic (NRT), and leak-testing (LT), which is hereinafter referred to as nondestructive examination (NDE), to verify conformance to specified requirements.

1.0 CERTIFICATION

1.1 APPLICABLE DOCUMENTS

The American Society of Nondestructive Testing Recommended Practice No. SNT-TC-1A, June 1980 edition, and its applicable supplements applies as requirements to NDE personnel covered by this section.

1.2 PROGRAM

The responsible organization establishes written procedures for the control and administration of NDE personnel training, examination, and certification.

1.3 CERTIFICATE OF QUALIFICATION

The qualification of personnel is certified in writing in an appropriate form, including the following information:

- o Employer's name.
- o Identification of person being certified.
- o Activities certified to perform.
- o Basis used for certification that includes such factors as;
 - Education, experience, and training (when necessary).
 - Test results (where applicable).
 - Results of capability demonstration.

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- o Results of periodic evaluation.
- o Results of physical examinations (when required).
- o Signature of employer's designated representative who is responsible for such certification.
- o Dates of certification and certification expiration.

1.4 PHYSICAL

The LLNL-YMP identifies any special physical characteristics needed in the performance of each activity, including the need for initial and subsequent physical examinations.