

**NUCLEAR WASTE CONSULTANTS INC.**

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Communication No. 259

U.S. Nuclear Regulatory Commission

Technical Review Branch  
Division of High-Level Waste Management  
Washington, DC 20555

Attention: Mr. Jeff Pohle, Project Officer  
Technical Assistance in Hydrogeology - Project B (RS-NMS-85-009)

Re: Revisions to Nuclear Waste Consultants Quality Assurance Manual

Dear Mr. Pohle:

Enclosed are replacement pages for the Nuclear Waste Consultants Quality Assurance (QA) Manual, Issue I, Revision 1, April, 1988. We have incorporated a number of revisions to several sections of our manual with the intent of providing clarification or enhanced documentation. Specific substantive revisions are as follows:

1. Sections 3.3 and 3.4 provide for written QA assessments by subcontractor QA Coordinators where the first draft of a report or analysis has been completed. Such written assessments at the draft stage or at the final report stage will be made on Appendix I of the NWC QA Manual.
2. Section 4.3 has been modified to clarify the QA responsibility of the author of each final report or analysis and to provide specific forms to assist the Author and Task Manager in documenting the review and checking of calculations and assumptions.
3. In Section 6.0, the NWC QA Director will be responsible to analyze reported non-conformances for trends on a semi-annual rather than a quarterly basis. Our experience to date has demonstrated little need for greater than a semi-annual review of non-conformance trends.
4. A new section 9.0 - Flow Chart for Quality Assurance Levels 1, 1-A, and 1-B has been added to provide clarification of the overall QA process and the responsible parties at each step.

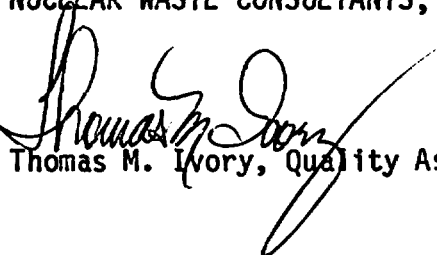
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5. Appendices have been consolidated at the end of the manual and additional appendices have been added to provide better documentation of report/analysis and computational reviews.
6. We have incorporated your comments and suggestions related to inconsistency between text and Figures 1-3.

The NWC QA Manual is subject to modification and revision and we welcome your comments and suggestions at any time. Thank you for your assistance in this matter.

Truly yours,  
NUCLEAR WASTE CONSULTANTS, INC.



Thomas M. Ivory, Quality Assurance Director

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