



**Department of Energy**

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*rec'd with letter  
4/21/88*

**APR 21 1988**

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**WASTE MANAGEMENT PROJECT OFFICE (WMPO) QUALITY ASSURANCE (QA) AUDIT 88-2 OF HOLMES & NARVER, INC. (H&N) SUPPORT OF THE NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS (NNWSI) PROJECT**

Enclosed is the report for Audit 88-2, which was conducted for the WMPO at H&N, Las Vegas, on March 28 through April 1, 1988.

The audit reviewed sufficient objective evidence related to the H&N Quality Assurance Program Plan ( QAPP) and NNWSI Project Procedures Manual to confirm that H&N must improve its implementation of certain basic requirements before it can be in full compliance with the NNWSI Project Quality Assurance Plan, NVO-196-17, Revision 5.

Pertinent items requiring management attention were discussed with you and members of your staff during the postaudit conference which was held on April 1, 1988. These included the following:

1. A sense of urgency must be instilled in the members of the project staff to meet commitments made in Audit 87-2, conducted on September 8-11, 1987. These commitments, which were basically related to the completion of procedures required for design control activities, were not met. In addition, H&N failed to respond to a directive from the WMPO which required that implementing procedures be issued at the time of WMPO approval of the H&N QAPP.
2. H&N must increase the number of surveillances and/or audits of their internal activities to identify areas where corrective action is required and to assure that proper action is implemented. This will require a review of the adequacy of the number of QA staff dedicated to NNWSI Project work.

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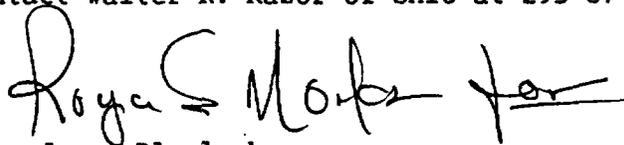
3. Certain problems were encountered during the audit which were caused by the lack of identification on equipment for NNWSI Project activities and Quality Level III work. H&N must establish a clear distinction of equipment used or to be used for NNWSI Project work.

During the course of the audit, the audit team issued 13 Standard Deficiency Reports (SDRs), Nos. 117-129, and five Observations. Subsequent to the audit, an additional three Observations were written, including one which was previously issued as SDR No. 126. Hence, a total of 12 SDRs (Nos. 117-125 and 127-129) and eight Observations (Nos. 1-8) have been issued as a result of this audit. The action copies of the SDRs were transmitted to you by the WMPO letter JB-1799 on April 12, 1988. Copies of the SDRs are also enclosed with this report for your information.

A description of the eight Observations is given in Section 6.0 of the enclosed report. Written responses to these Observations are due within 20 working days of the date of this transmittal letter. Please address your Observation responses to me and concurrently send a copy of each response to Nita Brogan at Science Applications International Corporation (SAIC), Las Vegas, Nevada.

By copy of this letter, Audit 88-2 is considered closed. However, as stated in the postaudit conference, because of the number of deficiencies related to procedures involving the design effort, the WMPO will conduct a surveillance of this activity within a month from the date of this letter. Open SDRs or Observations will continue to be tracked by the WMPO until all have been satisfactorily closed.

If you have any questions, please contact Walter R. Kazor of SAIC at 295-8748.



James Blaylock  
Project Quality Manager  
Waste Management Project Office

WMPO:JB-1880

Enclosures:

1. Audit Report 88-2
2. SDR Nos. 117-125 and 127-129

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cc w/encls:

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