



**Department of Energy**

Richland Operations Office  
P.O. Box 550  
Richland, Washington 99352

*Linehan*  
*Received with*  
*letter dated 5/5/88*  
88-QAD-009

MAY 5 1988

Director  
Pacific Northwest Laboratory  
Richland, Washington

Dear Sir:

**DOE-RL/DOE-HQ JOINT QUALITY ASSURANCE (QA) AUDIT 8801 OF SELECTED  
PACIFIC NORTHWEST LABORATORY (PNL) ACTIVITIES**

In continuation of the results of the DOE-RL/DOE-HQ joint audit of PNL (88-QSD-052) transmitted earlier, the complete audit report is attached. The intent of the audit was to assess PNL's implementation of QA and Technical programs as they relate to the Material Characterization Center (MCC) and the Nevada Nuclear Waste Investigations Project (TUFF) activities.

The audit team's conclusion is that the overall performance (the implementation of the QA program and technical performance) is achieving the intended purpose.

No noncompliances which could lead to reduced product quality (audit findings) were identified.

The seven (7) concerns and the five (5) observations as a result of the audit identified (i) the need for basic design report or qualification of technical procedures used for spent fuel operations at MCC; (ii) the need for training to detailed procedures; (iii) the need for an audit of PNL Quality Control/ Quality Engineering activities; and (iv) the need for procedural compliance as for example computer software control and records control procedures (SCP 312 and PAP 1704) compliance.

PNL's response to the concerns is currently under review by the audit team and the results of the review will be transmitted at a later date.

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Should you have any questions regarding this audit report, please contact me or the audit team leader, T. K. Subramanian at 376-3175.

Sincerely,

*R. P. Saget*  
R. P. Saget, Director  
Quality Assurance Division

QEB:TKS

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