



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JUL 16 1987

MEMORANDUM FOR: HLWM File 405
FROM: James E. Kennedy, Section Leader
Quality Assurance
Operations Branch, HLWM
SUBJECT: MINUTES OF MANAGEMENT MEETINGS WITH DOE, JULY 2, AND
JULY 8, 1987

Management meetings were held with the Department of Energy on July 2 and 8, 1987 to summarize the results of the NRC audit at the Los Alamos National Laboratory during the week of June 8, 1987. The enclosed handouts were the basis for the presentations by the NRC and discussions between the DOE and NRC. The following individuals attended the meetings:

July 2, 1987

<u>NRC</u>	<u>DOE</u>
J. Kennedy	J. Knight
J. Linehan	
M. Bell	
J. Trapp	

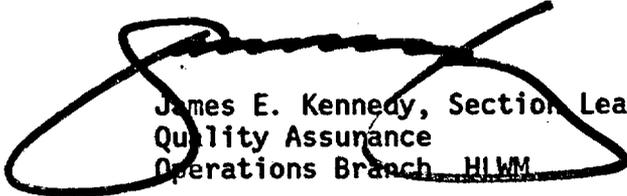
July 8, 1987

<u>NRC</u>	<u>DOE</u>
J. Kennedy	J. Knight
J. Linehan	S. Kale
M. Bell	T. Isaacs
	C. Newton
	R. Stein
	D. Vieth

WM Record File 405 WM Project 1
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James E. Kennedy, Section Leader
Quality Assurance
Operations Branch, HLWM

Enclosures:
As stated

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Original Signed By:

James E. Kennedy, Section Leader
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BRIEFING ON DOE/OGR ON LANL AUDIT

July 2, 1987

OBJECTIVES OF AUDIT

- INDEPENDENTLY EVALUATE AN AREA DOE BELIEVED TO BE QUALIFIED BY ASSESSING BOTH IMPLEMENTATION OF QA PROGRAM AND ABILITY OF LANL TO PERFORM QUALTY TECHNICAL WORK.
- PROVIDE DOE A BENCHMARK FOR NRC STAFF EXPECTATIONS
- BUILD A FOUNDATION FOR FUTURE NRC AUDITS.

MAJOR CONCLUSIONS

- 0 BASED ON INTERVIEWS WITH PI'S, TEAM IS CONFIDENT THAT THE COMBINATION OF THE EXISTING TECHNICAL PROCEDURES AND TECHNICAL STAFF CAN PRODUCE QUALITY TECHNICAL ANALYSES.
- 0 HOWEVER, THE TEAM DOES NOT AGREE QA PROGRAM IS FULLY IN PLACE.
- 0 THERE IS AN INSUFFICIENT APPRECIATION OF QA DOCUMENTATION NEEDS FOR LICENSING WITHIN LANL.

SUMMARY OF FINDINGS, DEFICIENCIES, OBSERVATIONS

- 0 FOUR FINDINGS, FOURTEEN DEFICIENCIES, FOUR OBSERVATIONS
- 0 PROCEDURES FOR ACTIVITIES AFFECTING QUALITY ARE:
 - NOT DEVELOPED FOR SOME ACTIVITIES (STOP WORK, EVALUATION OF SUPPLIERS ANNUAL SUPPLIERS EVALUATIONS E.G.)
 - NOT BEING FOLLOWED IN ALL CASES (LACK OF INSPECTIONS OF CORE STORAGE AREA, USE OF LAB NOTEBOOKS, E.G.)
 - NOT FULLY UNDERSTOOD BY LANL STAFF - MAY NEED CLARIFICATION OF PROCEDURES OR TRAINING OF STAFF
- 0 LANL INTERNAL AUDIT PROGRAM IS WEAK - BOTH WMPO AND NRC IDENTIFIED NUMEROUS ITEMS WHICH SHOULD HAVE BEEN DETECTED INTERNALLY
- 0 CERTIFICATIONS OF PERSONNEL/TRAINING
 - INSUFFICIENT INFORMATION TO DEMONSTRATE THAT PERSONNEL ARE QUALIFIED AND/OR TRAINED
 - NO RECORDS OF TRAINING OUTSIDE OF QA
- 0 CONCEPT OF INTEGRATING CERTAIN QA FUNCTIONS INTO LINE ORGANIZATION APPEARS DEFENSIBLE, WITH SOME MODIFICATIONS.

OTHER CONCERNS

- 0 DOE NEEDS TO EVALUATE IMPACT OF NRC AUDIT CONCLUSIONS ON ONGOING WORK AT LANL.
- 0 DOE NEEDS TO ASSESS IMPLICATIONS OF AUDIT RESULTS ON OTHER PROGRAM AREAS, PARTICULARLY IN LIGHT OF DOE COMMITMENT TO HAVE QA PROGRAM FULLY IN PLACE BY SCPs.
- 0 AUDIT WAS CONDUCTED AGAINST LANL AND NNWSI QA PLANS, NEITHER OF WHICH CONFORMS TO NRC REQUIREMENTS. BOTH HAVE BEEN APPROVED BY DOE, BUT NEED REVISIONS TO OBTAIN NRC STAFF APPROVAL.
- 0 WMPO AUDIT DID NOT UNCOVER ALL SIGNIFICANT PROBLEMS.

FOLLOW-UP

- 0 AUDIT REPORT - JULY 1987
- 0 INTERACTIONS WITH DOE TO RESOLVE ISSUES
- 0 INTERNAL LANL/DOE FOLLOW-UP NEEDED TO BRING
IN PERSONS EXPERIENCED IN LICENSING PROCESS
- 0 ADDITIONAL AUDITS - SRPO E.G.