

U.S. NUCLEAR REGULATORY COMMISSION

NRC FORM 218

(4-76)

NRCM 0240

(Return to WM, 623-S3)

TELEPHONE OR VERBAL CONVERSATION RECORD

DATE

August 11, 1983

TIME

☐ A.M.
☒ P.M.☐ INCOMING CALL☒ OUTGOING CALL☐ VISIT

PERSON CALLING

Robert L. Johnson

OFFICE/ADDRESS

WMHT

PHONE NUMBER

EXTENSION

PERSON CALLED

Leslie Casey

OFFICE/ADDRESS

DOE/NPO

PHONE NUMBER

EXTENSION

8-976-5916

CONVERSATION

SUBJECT

Additions to Salt Waste Package Meeting Minutes.

SUMMARY

While completing the meeting minutes, NRC said that they would provide a revised statement on 8/11/83 regarding NRC's QA position given in the draft 5b (attached). The statement below was read to L. Casey. She will replace the draft statement in 5b with this new statement.

5b.

" NRC's current position on QA pertinent to Waste Management appears in "Draft NRC Review Plan: Quality Assurance Programs for Site Characterization of High-Level Nuclear Waste Repositories" which was A notice of availability for the review plan was printed in the Federal Register on July 21, 1983. With respect to ANSI 45.2.11, the ^{NRC} Waste Management Staff has no formal position, but considers that it provides sound guidance."

Note: This statement was developed based on a discussion with M. Knapp, J. Greaves, and R. Johnson.

REFERRED TO:

ACTION REQUESTED

☐ ADVISE ME OF ACTION TAKEN.

INITIALS

DATE

ACTION TAKEN

cc. M. Knapp

J. Greaves

H. Miller

WMSE 106

INITIALS

DATE

5. QA Program Design Control

New statement inserted here.
a. NRC and DOE/ONWI discussed the applicability of QA standards to the waste package design process. ANSI N45.2.11 was the basis for this discussion.

conf. call w/ Minerva Knapp & Johnson
b. NRC stated its position that the Requirements of 45.2.11 applied directly to all testing activities now underway that may ultimately contribute to determination of the waste package design and materials.

c. DOE/ONWI described the general approach to QA and design control including the implementation of QA responsibilities from DOE down through the contractor chain. DOE further noted that the provisions of 45.2.11 are included in NQA-1 and that QA responsibilities are defined in contractual documents and individual DOE and subcontractor plans.

d. DOE recognizes the importance of ~~established~~ QA *and consider its* ~~but continued to maintain its position that the~~ current responsibility assignment approach is standard industry practice and is acceptable.

e. NRC requested that an index of QA procedures be prepared which identifies those QA documents which have been prepared to comply with the requirements for such procedures in ANSI N45.2.11 - 1974, Section 2.2 (as related to 10 CFR 50, App. B). In addition, NRC noted there is a major interest in QA procedures which address design verification, item 11 of Section 2.2, and procedures which address the process of determining level of confidence of the applicability of models to waste package performance in a repository environment.

DOE noted that the latter function is currently handled by the Performance Assessment Department of the Salt Project
It was agreed that a generic meeting was desirable on QA issues among the various projects; DOE Headquarters and NRC. DOE also indicated a desire to have a meeting on QA for the Salt Project prior to the generic meeting.

6. Waste Package Specifications

a. The waste package specifications of ONWI 423, 462, and 463 were reviewed with respect to selected specifications, including those for criticality control, which NRC used as an example of how to improve specifications by making them more quantitative. For example, NRC noted that the use of $K_{eff} + 3$ in the criticality specification (ONWI-463 Specification 4) is more desirable than the approach used in Section 3.1.1.2.5 of ONWI-423, where no probability was specified. Further needed specification in this case includes the interval of time over which the requirement applies.

NRC considers that
b. NRC referred DOE to the minutes of the NRC/NPO meeting of June 27-28 (page 6) and to NRC's Draft Site Characterization analysis for Basalt (NUREG #0960), Chapter 9 and Figure 9.2 for a discussion of NRC's views on the establishment and modification of interim reliability goals. Such goals should be established early and can be changed as new knowledge is gained. These goals should contribute to DOE's SCP.

focusing the plan on