



UNITED STATES
NUCLEAR REGULATORY COMMISSION
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MAR 24 1988

Note to: John Linehan, Section Leader
Projects Section, HLOB

From: Seth Coplan, Section Leader *SC*
Compliance Demonstration Section, HLOB

Subject: ADDITIONAL CDSCP REVIEW WORK TO FINALIZE CDSCP DRAFT POINT PAPERS BY
APRIL 22

After discussions with my NNWSI Team Leads in performance assessment, Dan Galson for postclosure performance assessment and Bob Neel for preclosure performance assessment, I consider that there are still several specific review activities that should be conducted prior to finalizing the CDSCP draft point papers. The NNWSI Team should critically review those pages of Section 8.3.5.13, and key supporting references, dealing with (1) scenario identification and selection, (2) conceptual and mathematical models that form the basis for performance allocation in this Section of the CDSCP, and (3) the performance allocation itself. I have enclosed some background material, distributed to the Team prior to completion of the draft point papers, that should assist in understanding how these reviews should be focused.

The above three review areas are interrelated and are provided in order of importance. Thus, most importantly, the Team should review the list of scenarios developed in the CDSCP to ensure that all relevant events and processes have been considered in establishing the basis for site characterization plans. The most important supporting reference is a report by B. Ross ("A first survey of disruption scenarios for a high-level-waste repository at Yucca Mountain, Nevada", SAND85-7117, December 1987).

It is difficult to estimate the resources required for this work because many Team member have already had an opportunity to review Section 8.3.5.13 to varying depths with regard to the three concerns identified above. However, because of the general role of performance assessment in the high-level waste program, I would suggest that at least several staff-days of review in each of the other five Technical Sections prior to April 22 would be appropriate. The actual amount of resources spent will be dependent on what other work is identified as necessary by the other Technical Sections.

All of the above work is concerned with postclosure performance assessment. I have not identified any further work in the area of preclosure performance assessment.

Enclosures:
As stated

cc: B.J. Youngblood, HLOB
R. Ballard, HLTR
K. Stablein, HLOB

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