MAR 18 1993

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MEMORANDUM FOR: Joseph Holonich, Project Director
Repository Licensing and Quality Assurance
Directorate, HLWM

FROM: Ronald L. Ballard, Chief
Geology and Engineering Branch, HLWM

SUBJECT: REVIEW OF REVISION 2 OF STUDY PLAN 8.3.1.17.4.2, "STUDY PLAN FOR EVALUATING THE LOCATION AND RECENCY OF FAULTING NEAR PROSPECTIVE SURFACE FACILITIES"

In response to your note dated November 27, 1992, the Geology/Geophysics Section initiated an abbreviated review of the subject study plan. As noted in earlier discussions with you, this review was delayed due to the demands on staff time of other, higher priority work. The scope of this review was limited to an evaluation of the annotated revisions to the study plan and was carried out under the guidance provided in the "Review Plan for NRC Staff Review of DOE Study Plans" (Rev. 1) dated December 6, 1990.

The revisions to Study Plan 8.3.1.17.4.2 appear to be minor in nature and largely related to changes in the procedures to be used in the activities outlined. As a result, no potentially adverse effects on repository performance were identified, no potentially significant and irreversible/mitigable effects on characterization that would preclude obtaining information necessary for licensing were identified, and no potentially significant disruption to characterization schedules or sequencing of studies were identified. As such, we have identified no objections related to the activities in this study plan. In addition, our analysis of the revisions indicates that they do not address any of the Site Characterization Analysis open items or open items generated in the review of Rev. 0 of this study plan.

Due to the limited nature of the revisions, we recommend that from a technical perspective, no further action be taken with respect to this revision to Study Plan 8.3.1.17.4.2. If you have any questions regarding this review please contact Keith I. McConnell (504-2532).

ORIGINAL SIGNED BY
Ronald L. Ballard, Chief
Geology and Engineering Branch, HLWM

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