

January 3, 2001

H. Lawrence McKague  
Manager, Geology and Geophysics  
Center for Nuclear Waste Regulatory Analysis  
6220 Culebra Road  
San Antonio, Texas, 78228-5166

SUBJECT: REVIEW AND APPROVAL OF IM 20.01402.461.100: TECHNICAL BASIS FOR  
RESOLUTION OF THE IGNEOUS ACTIVITY KEY TECHNICAL ISSUE

Dear Mr. McKague:

I have reviewed the above referenced document and find it both technically and programmatically acceptable. The purpose of this document was to provide a document which could be referenced and would provide the present status of technical investigations related to issues as defined in the various Igneous Activity Issue resolution documents. This document does accomplish this purpose. Such a document was considered necessary to facilitate review of the upcoming Department of Energy Site Recommendations Considerations Report (DOE SRCR). This document, as such, will not be transformed into an official U.S. Nuclear Regulatory Commission document, but will be placed in the public document room, for reference.

As stated above, the information contained in this report will be used to assist in review of the DOE SRCR. In addition, it is expected that this report can provide the basis for much of the information related to igneous activity which will be contained in the "Consolidated" Issue Resolution Report. A major change, however, will be that this present report will mark the last report in which the subissues related to Igneous Activity are tracked at the Key Technical Issue Level. In the Consolidated Issue Resolution Status Report, subissues will be tracked at the integrated subissue level. This report, therefore, presents a reference, or point of departure, for future activity related to issue closure.

If there are any questions, please contact John S. Trapp at 301-415-8063, or by e-mail at [jst@nrc.gov](mailto:jst@nrc.gov).

Sincerely,

/RA/

John S. Trapp  
Igneous Activity Program Element Manager  
High-Level Waste Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

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