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Contract No. NRC-02-97-009
Account No. 20.01402.461

U.S. Nuclear Regulatory Commission
ATTN: Dr. John S. Trapp
Office of Nuclear Material Safety and Safeguards
TWFN Mail Stop 7 C6
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Rockville, MD 20852

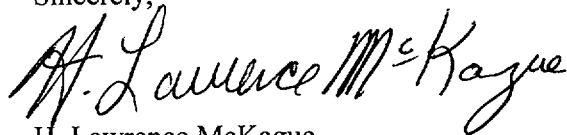
Subject: Technical Basis for Resolution of the Igneous Activity Key Technical Issue (IM 20.01402.461.100)

Dear Dr. Trapp:

The purpose of this letter is to transmit IM 1402-461-100 Technical Basis for Resolution of the Igneous Activity Key Technical Issue. An electronic version of this milestone is included, along with associated figures in PDF format. This milestone provides an update to Revision 2 of the Igneous Activity IRSR. The updates include new material presented in recent DOE AMRs and results of discussions with DOE staff at the August 2000 technical exchange on Igneous Activity. In addition, ongoing investigations for airborne particle concentrations and deposit remobilization are summarized. This report concludes with a technical analysis of the status of subissue resolution, based on all available information. This milestone has preserved the formatting from Revision 2 of the Igneous Activity IRSR, with updated text highlighted with vertical lines in the right margin. Figures and tables have been placed at the end of the document for easier entry into ADAMS.

If you have any questions please contact Dr. Brittain Hill at (210) 522-6087 or me at (210) 522-5183.

Sincerely,



H. Lawrence McKague
Manager, Geology & Geophysics

HLM/rae
Attachment

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