

United States Government



Department of Energy

memorandum

Carlsbad Area Office
Carlsbad, New Mexico 88221

DATE: April 29, 1996

**REPLY TO
ATTN OF:** CAO:NTP:JFS 96-1160

SUBJECT: Interim Change (FTIRS) - Transuranic Waste Characterization Quality Assurance Program Plan, Rev. 0, CAO-94-1010

TO: Distribution

The use of the Fourier Transform Infrared Spectroscopy (FTIRS) method has been approved by the U.S. Environmental Protection Agency. The attached interim change to the Transuranic Waste Characterization Quality Assurance Program Plan (QAPP) is being provided to participants in the TRU waste characterization program to allow immediate implementation of headspace gas analysis by FTIRS prior to approval of Revision 1.0 of the QAPP, scheduled for completion by late summer this year. This change describes applicable revisions to the QAPP in order to perform headspace gas analysis by FTIRS and includes a procedure that details the implementation of FTIRS analysis. The procedure included here has already been incorporated in Revision 1.0 of the Transuranic Waste Characterization Sampling and Analysis Methods Manual, DOE/WIPP 91-043, which the Carlsbad Area Office (CAO) expects to distribute for use in May 1996 upon receipt from printing.

The attached change describes implementation guidance relative to using the FTIRS method in either an on-line fixed or mobile system configuration. In addition, guidance is provided relative to participation of an FTIRS system in the Performance Demonstration Program (PDP) for the Analysis of Simulated Headspace Gases and the application of data obtained via FTIRS until the method's incorporation in the PDP.

This interim change constitutes approval for participants to use the FTIRS and a variance to a site's Quality Assurance Project Plan (QAPjP), whether under review by the CAO or already approved, is not required. Sites, if they elect to use FTIRS, are requested to incorporate applicable FTIRS-related material in their QAPjP revision that will be done to incorporate the changes addressed in Revision 1.0 of the QAPP once it is issued for implementation. The attached change should be added to your controlled copy, if applicable, of the QAPP and implementation may commence immediately using the included procedure. Your signature below will indicate receipt and acknowledgment of this interim change. Please return the original signed copy of this memorandum to Mr. John F. Suermann, Manager-Waste Characterization, of my staff.

If you have any questions or if you need assistance in implementing this change, please contact Mr. Suermann at 505/234-7475.

E.K. Hunter for
 George E. Dials
 Manager

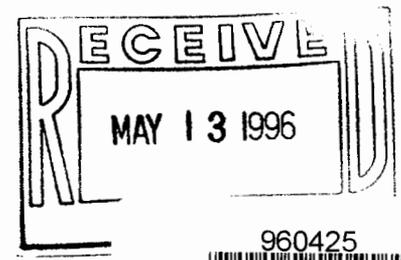
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