

Center for Nuclear Waste Regulatory Analyses March 12, 1999  
ATTN: Dr. Wesley C. Patrick  
6220 Culebra Road  
Building 189, Room A233  
San Antonio, Texas 78238-5166

Dear Dr. Patrick:

**SUBJECT: QUALITY ASSURANCE DOCUMENTATION OF ASHPLUME**

Sandia National Laboratories (Sandia) staff has requested that U.S. Nuclear Regulatory Commission staff provide the Quality Assurance documentation for the ASHPLUME code that was developed by the Center for Nuclear Waste Regulatory Analyses. Specifically, they are interested in any documentation of Requirements, Test, Design, and Validation. In discussions with Mr. Ralston Barnard of Sandia, we have been informed that this request has been discussed with Mr. Bruce Mabrito of your staff.

This letter is to authorize you to provide Sandia with any existing documentation, either in electronic or hard copy, of the Quality Assurance documentation of the ASHPLUME code. Cost associated with this effort should be charged to Igneous Activity (1402-640). You are not authorized to perform additional services, such as providing matching runs with a U.S. Department of Energy data set. Your contact at Sandia is Mario Chavez at Sandia National Laboratories, Dept. 6811/JHA, MS-0776, P. O. Box 5800, Albuquerque, New Mexico, 87185-0776. He can be reached by telephone at either (505) 844-9073 or (505) 299-1282, and his e-mail address is [mjchavez@nwr.sandia.gov](mailto:mjchavez@nwr.sandia.gov).

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

Sincerely,

Original Signed By

Michael J. Bell, Chief  
Performance Assessment and High-Level Waste  
Integration Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

cc: B. Mabrito, CNWRA  
R. Barnard, Sandia  
M. Chavez, Sandia  
J. Linehan  
B. Meehan

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WASHINGTON, D.C. 20555-0001

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Sincerely,

A handwritten signature in cursive script, reading "Michael J. Bell for", is written over the typed name.

Michael J. Bell, Chief  
Performance Assessment and High-Level Waste  
Integration Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

cc: B. Mabrito, CNWRA  
R. Barnard, Sandia  
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