



Sandia National Laboratories

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QA: NA

February 25, 1999

Mr. Michael J. Bell
U.S. Nuclear Regulatory Commission
11545 Rockville Pike
Two White Flint
Mail Stop 7 F3, Room 7 F2
Rockville, Maryland 20852-2738

Dear Mr. Bell:

Subject: ASHPLUME Quality Assurance Code

As you may be aware, Sandia National Laboratories (SNL) is in the process of qualifying the ASHPLUME code for use on the Yucca Mountain Project (YMP). Since any major software used on the YMP has to be appropriately qualified, there are some procedural requirements we have to follow. One is that testing be performed to demonstrate adequacy with the code requirements. To date, SNL has been able to replicate one of the tests provided in CNWRA-97-004 Rev. 1. However, SNL would like to obtain the entire ASHPLUME Software Quality Assurance (SQA) configuration to do a complete job of testing. Our SQA Staff has contacted the Southwest Research Institute (SWRI) about obtaining the required documentation and SWRI is amenable to that request provided they are given instructions from the NRC to do so. Therefore, SNL would like to request that SWRI provide SNL with the needed ASHPLUME documentation, specifically the Requirements, Test, Design, and Validation documentation. This documentation will make Sandia's qualification effort more effective, as well as save resources for other priority tasks.

Mario Chavez from our SQA staff will serve as the point of contact for the transfer of any SQA documentation. Mr. Chavez can be reached at Sandia National Laboratories, Dept. 6811/JHA, MS-0776, P.O. Box 5800, Albuquerque, NM 87185-0776, telephone 505-844-9073 or 505-299-1282, e-mail mjchavez@nwer.sandia.gov.

Sincerely,

Ralston W. Barnard

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