



## Department of Energy

Washington, DC 20585

December 3, 2003

The Honorable John T. Conway  
Chairman  
Defense Nuclear Facilities Safety Board  
625 Indiana Avenue, NW  
Washington, D.C. 20004-2941

Dear Mr. Chairman:

The Implementation Plan for Software Quality Assurance (SQA) in response to Defense Nuclear Facilities Safety Board (DNFSB) Recommendation 2002-1 requires the Office of Environment, Safety and Health (EH) to perform a gap analysis on the toolbox codes. Commitment 4.2.1.3 requires this analysis to determine the actions needed to bring the codes into compliance with SQA criteria and to estimate the resources needed to upgrade each code based on the gap analysis results.

This commitment is partially completed. Three of the six gap analyses with interim reports are complete and are attached. The completed codes include MACCS2, ALOHA, and EPICODE. Work on the remaining three toolbox codes (MELCOR, GENII, and CFAST) is in progress. Delays in establishing a contract mechanism to obtain the proper expertise have extended the commitment delivery date for the remaining three toolbox code gap analyses and final reports to January 2004. This change in schedule should not affect other SQA Implementation Plan commitments.

Please contact me at (202) 586-6151, or have your staff contact Frank Russo at (301) 903-8008 if you have any questions concerning this commitment.

Sincerely,

Beverly A. Cook  
Assistant Secretary  
Environment, Safety and Health

Attachments (3)

cc: Mark B. Whitaker, DR-1  
Frank B. Russo, EH-3  
Chip Lagdon, EH-31

