



UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-

October 3, 2000

MEMORANDUM FOR Alexander Adams
U.S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation

Subject: ANS-10.2 "Portability of Scientific and Engineering Software".

Enclosed are the responses to your comments dated September 28, 2000 on the above subject draft standard. All of your comments have been incorporated. Accordingly, I am proceeding with the final processing of the standard. Unless I hear from you otherwise by October 12, 2000. Thank you for your cooperation and help in developing this standard.

Sincerely,

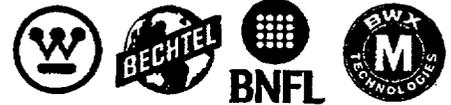
Tawfik M. Raby
Chairman, N-17

cc: Shawn Coyne-Nalbach w/enclosures
A. Smetana w/o enclosures

*Add: Al Adams
Y601*

NIST

**Westinghouse
Savannah River Company**
Aiken, SC 29808



October 2, 2000

Mr. Tawfik M. Raby
Chairman N-17
Building 235, Room A141
National Institute of Standards & Technology
Gaithersburg , MD 20899

Dear Mr. Raby :

SUBJECT: Response to NRC Comments Dated September 28, 2000 on ANS-10.2

In response to the comments received on the draft of ANS-10.2, the following changes have been made.

Comments 1, 2 and 5: The editorial changes suggested have be made.

Comment 3, Section 4.5.3, Source Documentation: "Program Package" has been changed to "Software Package (see section 8, ANS-10.3 for a description of the Software Package contents)".

Comment 4, Section 4.6.2, System Independence: The indicated changes were inadvertently left out of the draft sent with the response to the previous comments. The last sentence of this section was modified to provide additional information and now reads as follows: "If necessary for program functionality, they should be localized within individual subprograms, make use of any "de facto" standards (e.g. Open Graphics Language (OpenGL) for graphics, Message Passing Interface (MPI) / Parallel Virtual Machine (PVM) for interprocessor communications, Structured Query Language (SQL) for database interface), and be fully documented."

Sincerely,

A handwritten signature in cursive script, appearing to read 'Andrew O. Smetana'.

Andrew O. Smetana
Chairman ANS-10