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SEP 02 1980

MEMORANDUM FOR: D. Sullivan  
FROM: L. Beltracchi  
SUBJECT: RESPONSE TO STANDARDS REVIEW REQUEST

- REFERENCES:
1. Memorandum, "Standards Review Request: for R. J. Mattson, Director, DST, NRR, from W. M. Morrison, AD, GES, July 14, 1930
  2. Ballot, IEEE/PES/NPEC, For Document Title "Standard Criteria for Application of Programmable Digital Computer Systems In Safety Systems of Nuclear Power Generating Stations", IEEE P742/ANS 4.3.2. Ballot signed by D. F. Sullivan, 8/15/80/

This memorandum is to confirm that Leo Beltracchi is the NRC member of the joint IEEE/ANS working group that prepared the reference standard. His vote on the working group ballot of the standard was affirmative to proceed with the standard. Furthermore, upon reviewing the conditional affirmative ballot, reference 2, he concurs with the conditions stated therein.

As a final note, it should be pointed out that standards for the development and use of computer systems in the nuclear industry do not exist. However, it appears that the nuclear industry is about to "embrace" digital computer as a means of resolving the requirements of NUREG 0696, "Functional Criteria for Emergency Response Facilities". The proposed standard can serve a useful role in providing some guidance to industry in the development of computer programs. Specifically, the requirements for verification and validation of a computer program as defined by NUREG 0696 are similar to the requirements defined in P742 for the subject. Thus, regulatory goals will be served by the conditional affirmative ballot.

L. Beltracchi

cc: S. Hanauer  
D. Tondi  
S. Weiss  
V. Moore  
All HFEB

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