

August 16, 2000

MEMORANDUM TO: Stuart A. Richards, Director  
Project Directorate IV & Decommissioning  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

FROM: Stephen Dembek, Chief, Section 2 */RA/*  
Project Directorate IV & Decommissioning  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF MEETING WITH GENERAL ELECTRIC NUCLEAR  
ENERGY REGARDING APPLICATION OF ODYSY CODE FOR  
STABILITY LICENSING CALCULATIONS

On July 25, 2000, members of the staff met with representatives of General Electric Nuclear Energy (GENE) to discuss applying the ODYSY code to stability licensing calculations (i.e., coupled neutronic-thermal hydraulic stability). A list of attendees is provided as Attachment 1. Copies of the viewgraphs used during the meeting are available under ADAMS accession number ML003735284.

GENE requested the meeting with the staff because they needed feedback from the staff on their plan to replace the FABLE code with ODYSY for all stability licensing calculations. GENE presented the differences between FABLE and ODYSY. GENE noted that they would only be requesting the staff's approval of this new application for ODYSY since the model itself was already approved by the staff. The NRC staff responded that we could not agree that a review of the model was not needed. The staff would have to evaluate this when GENE's request was submitted.

GENE noted that ODYSY will be needed for the Duane Arnold plant for its Spring 2001 outage (which would include a power uprate). The GENE topical report would be submitted by September 15, 2000, with approval requested by March 2001. The NRC staff responded that the schedule was reasonable as long as GENE provided a good quality submittal.

The NRC staff expressed a concern regarding GENE's compliance requirement criteria 1 and 2. Both GENE and the staff would look into the origin of this wording. The staff also noted that GENE should include a comparison of what has been previously approved and what they are requesting.

Project No. 710

Attachment: Attendance List

cc w/att: See next page

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GE Nuclear Energy

Project No. 710

cc:

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MEETING BETWEEN GENERAL ELECTRIC AND NRC

JULY 25, 2000

**GE NUCLEAR ENERGY**

J. Post  
A. Chung  
J. Andersen

**NRC**

R. Caruso  
S. Dembek  
S. Whaley  
T. Huang  
A. Ulses

**SERCH/Bechtel**

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