

June 14, 2007

MEMORANDUM TO: Luis A. Reyes  
Executive Director for Operations

FROM: Annette L. Vietti-Cook, Secretary **/RA/**

SUBJECT: STAFF REQUIREMENTS - COMSECY-07-0018 - COST  
ESTIMATE FOR DAVIS-BESSE REACTOR VESSEL HEAD  
DEGRADATION DISPLAY

The Commission has disapproved the approach outlined by the staff in the memorandum from the Executive Director for Operations to the Commission dated April 20, 2007. Instead, the staff should plan for a model display with the following features:

- 1) full scale model of the head section immediately surrounding the degraded area, including several CRDM nozzles.
- 2) model to fit within a space of approximately 3' x 3' x 3' cube and placed on a suitable table allowing viewing from all sides except the bottom.
- 3) model to be professionally constructed and realistic-looking, with dimensions, shapes, and textures rendered from available computer-aided-design files obtained from the actual reactor vessel head.
- 4) costs for the procurement of a model with the above features should not be greater than \$14K. Any model cost that exceeds \$14K requires additional Commission approval.
- 5) a stand-alone durable poster-board display should be designed and assembled to provide a visual high-level context using photos, graphics, and text. The display should inform the viewer as to the general nature of the incident, the factors that led to it, and the lessons that industry and NRC employees should learn from it. A handout holder with suitable handouts providing further details and references should also be provided. It should be capable of being a stand-alone or a wall-mounted display to allow for more flexibility in space accommodation. In addition, the poster-board's text should include a description of the reactor coolant leak path.
- 6) the poster-board display should be produced by the NRC graphics department, if possible, or from outside sources for a modest cost that is reasonable for such services.
- 7) the combination of the model and poster-board should be easily moveable and provide a compelling visual image and story that will attract attention to its principal messages.

cc: Chairman Klein  
Commissioner McGaffigan  
Commissioner Merrifield  
Commissioner Jaczko  
Commissioner Lyons  
OGC  
CFO  
OCA  
OPA  
Office Directors, Regions, ACRS, ACNW, ASLBP (via E-Mail)  
PDR