

From: Peter Tam
To: Scarpello, Michael; Simpson, Sue; Vasey, Bob
Date: 01/03/2007 1:08:00 PM
Subject: D.C. Cook Unit 2: Request for conference Call re. Proposed Amendment (TAC MD3161)

Bob:

We are reviewing your 9/15/06 application for amendment re. reactor trip on low turbine oil pressure. Our reviewer, Jin-Sien Guo, has drafted the following questions which we would like to discuss with you in a conference call. The application indicates that the replacement of the turbine control system will increase nominal control fluid operating pressure from 114 psig to 1600 psig and will revise the allowable low fluid oil pressure value on turbine trip from greater than or equal to 57 psig to greater than or equal to 750 psig.

- (1) Does the change involve any associated piping design changes?
- (2) Does any pipe break associated with the change need to be considered due to the large increase in turbine oil operating pressure?
- (3) There is insufficient information in the application regarding replacement of the current mechanical-hydraulic control system for the main turbine and the east and west main feed-pump turbine with a Triconex TS3000 triple modular redundant control system. Provide more detailed explanation on the new system regarding (i) system function, (ii) interaction with other systems, and (iii) previous operating experience of the new system.

This e-mail aims solely to prepare you and others for the proposed conference call. It does not convey a formal NRC staff position, and it does not formally request for additional information. Disposition of the above draft questions will be determined in the conference call.

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CC: Jin-Sien Guo; John Segala; Schulten, Carl S

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Recipients	Action	Date & Time
aep.com PM mkscarpello (Michael Scarpello) rgvasey (Bob Vasey)	Transferred	01/03/2007 1:08:16

sdsimpson (Sue Simpson)

nrc.gov OWGWPO02.HQGWDO01 PM	Delivered	01/03/2007 1:08:09
JSG CC (Jin-Sien Guo) AM	Opened	01/04/2007 9:52:58

nrc.gov TWGWPO02.HQGWDO01 PM	Delivered	01/03/2007 1:08:00
CSS1 CC (Carl S Schulten) JPS1 CC (John Segala) AM	Opened	01/04/2007 6:53:12

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