

**From:** Peter Tam  
**To:** Scarpello, Michael; Steinmetz, Keith  
**Start:** 06/01/2006  
**Due:** 06/01/2006  
**Subject:** Draft RAI re. Cook Proposed Amendment, P-7 to P-8 (TAC MD0496, 7)

Mike, Keith:

This is in response to your application for amendment dated 3/7/06. Our reviewer Sam Miranda developed the following draft questions that we would like to discuss with you in a conference call, to take place in the week of 6/5/06. Please propose options of day and time for that week.

1. Please provide copies of all Westinghouse Nuclear Safety Advisory Letters (NSALs) that allude to permissives P-7 and P-8. You may simply reference them if they are already docketed in NRC's ADAMS.
2. If applicable, describe how these NSALs have been used in preparing the proposal to shift the reactor trip on turbine trip interlock from P-7 to P-8.
3. Please provide a safety analysis or evaluation to show that tripping one reactor coolant pump, when the plant is at 31% power, will satisfy all ANS Condition II acceptance criteria without crediting the low flow reactor trip.
4. Please provide a safety analysis or evaluation to show that the seizure of one reactor coolant pump rotor or the shearing of one reactor coolant pump shaft, when the plant is at 31% power, will satisfy all ANS Condition IV acceptance criteria without crediting the low flow reactor trip.
5. The Cook UFSARs state, "ANS Condition II occurrences are faults that may occur with moderate frequency during the life of the plant. They are accommodated with, at most, a reactor shutdown with the plant being capable of returning to operation after a corrective action. In addition, no ANS Condition II occurrence shall cause consequential loss of function of fuel cladding and reactor coolant system barriers." Show that inadvertent actuation of the emergency core cooling system would not cause a consequential loss of the reactor coolant system barrier (by filling the pressurizer; causing the pressurizer power-operated relief valves to open, to discharge water, and consequently, to fail to reseal properly). See RIS 2005-29 for more information.

This e-mail aims solely to prepare you and others for the proposed conference call. **It does not formally request for additional information, nor does it convey a formal NRC staff position.**

Peter S. Tam, Senior Project Manager  
Plant Licensing Branch III-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

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**CC:** Miranda, Samuel

**Task Properties** (447ECE7F.503 : 12 : 35330)

**Subject:** Draft RAI re. Cook Proposed Amendment, P-7 to P-8 (TAC MD0946, 7)  
**Scheduled Date:** 06/01/2006  
**From:** Peter Tam

**Created By:** PST@nrc.gov  
**Creation Date** 06/01/2006 7:24:47 AM

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aep.com AM kasteinmetz (Keith Steinmetz) mkscarpello (Michael Scarpello)	Transferred	06/01/2006 7:25:28

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