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**From:** Thomas Alexion  
**To:** BENNETT, STEVE A  
**Date:** 3/31/04 11:10AM  
**Subject:** BULLETIN 2003-01 RAI

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- decket 50-313  
  & 50-368

Steve,

See the attached.

Tom

**Mail Envelope Properties (406AED91.7A7 : 0 : 20628)**

**Subject:** BULLETIN 2003-01 RAI  
**Creation Date:** 3/31/04 11:10AM  
**From:** Thomas Alexion

**Created By:** TWA@nrc.gov

| <b>Recipients</b>                         | <b>Action</b> | <b>Date &amp; Time</b> |
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**REQUEST FOR ADDITIONAL INFORMATION**  
**BULLETIN 2003-01**  
**ARKANSAS NUCLEAR ONE, UNITS 1 AND 2**

1. In your response to Bulletin 2003-01, you state that you will be implementing operator training on indications of and responses to sump clogging. However, your response does not completely discuss the operator training to be implemented. Please provide a detailed discussion of the operating procedures to be modified, the indications of sump clogging that the operators are instructed to monitor, and the response actions the operators are instructed to take in the event of sump clogging and loss of ECCS recirculation capability.
2. In your response to Bulletin 2003-01, you state that a qualitative risk assessment has been performed, and you determined that procedural modifications that would delay the switchover to containment sump recirculation are not risk beneficial at this time. The NRC staff responses to industry questions and comments on Bulletin 2003-01 (Adams Accession Number ML031810371), Question 37, stated that licensees may use quantitative data to justify not taking an interim compensatory measure. Please provide a description of any risk assessment performed, including qualitative and quantitative insights which justify and demonstrate that implementing this compensatory measure is not beneficial at this time.
3. In your response to Bulletin 2003-01 regarding the compensatory action to delay the switchover to containment sump recirculation, you state that ANO's current process for revisions to the EOPs, due to changes in vendor/Owners Group guidelines, is to evaluate and then incorporate (those deemed appropriate) recommendations from the vendor/Owners Group. The Westinghouse Owners Group (WOG) has developed operational guidance in response to Bulletin 2003-01 for Westinghouse and CE type PWRs. Please provide a discussion of your plans to consider implementing the WOG guidance. Include a discussion of the WOG recommended compensatory measures that have been or will be implemented for your plant, and the evaluations or analyses performed to determine that these compensatory measures are acceptable for your plant. Provide technical justification for those WOG recommended compensatory measures not being implemented by your plant. Also include a detailed discussion of the procedures being modified, the operator training being implemented, and your schedule for implementing these compensatory measures. Does ANO plan to review the WOG guidance to determine if similar compensatory measures could be implemented on Unit 1, which is a B&W design.
4. In your response to Bulletin 2003-01, you state that you will be implementing procedural modifications to ensure that alternate water sources are available to refill the RWST or to otherwise provide inventory to inject into the core and spray into containment. However, your response does not completely discuss the procedural modifications to be implemented. Please provide a detailed description of the operating procedures to be modified, the specific actions the operators are instructed to take, and the guidance to be provided regarding the timing of operator actions to refill the RWST or to otherwise provide inventory to inject into the core and spray into containment.

5. **NRC Bulletin 2003-01 provides possible interim compensatory measures licensees could consider to reduce risks associated with sump clogging. In addition to those compensatory measures listed in Bulletin 2003-01, licensees may also consider implementing unique or plant-specific compensatory measures, as applicable. Please discuss any possible unique or plant-specific compensatory measures you considered for implementation at your plant. Include a basis for rejecting any of these additional measures considered.**