

## NRR-PMDAPEm Resource

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**From:** Westcott, Daniel [Daniel.Westcott@pgnmail.com]  
**Sent:** Monday, July 02, 2012 8:24 AM  
**To:** Lingam, Siva  
**Cc:** Broaddus, Doug; Murphy, Martin; Jessup, William  
**Subject:** RE: Crystal River, Unit 3 EPU LAR - Discussion/Clarification of EMCB Draft RAIs (TAC No. ME6527)

CR-3 concurs with the conference call summary.

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**From:** Lingam, Siva [<mailto:Siva.Lingam@nrc.gov>]  
**Sent:** Friday, June 29, 2012 10:09 PM  
**To:** Westcott, Daniel  
**Cc:** Broaddus, Doug; Murphy, Martin; Jessup, William  
**Subject:** Crystal River, Unit 3 EPU LAR - Discussion/Clarification of EMCB Draft RAIs (TAC No. ME6527)

Please concur on the following summary of the conference call held on June 28, 2012 regarding the subject matter.

### RAI 1

In response to the NRC staff's request for clarification regarding the design code(s) used in the evaluation of the reactor vessel internals (RVIs) at EPU conditions, the licensee indicated that the RVIs had been evaluated in accordance with the provisions of Section III, Subsection NG of the ASME Boiler and Pressure Vessel Code, either the 1998 Edition with 2000 Addenda or the 2001 Edition with 2003 Addenda. The licensee confirmed that Subsection NG was not used in the original analysis to qualify the RVIs due to the fact that this subsection of the ASME Code was not available for use (i.e., had not been issued by ASME) during the licensing of Crystal River Unit 3. However, since the original licensing of the facility, subsequent reconciliations of the design basis analyses of the RVIs have utilized the design provisions prescribed by Subsection NG. The licensee also confirmed that the allowable stresses used in the evaluations were derived from the minimum specified material strengths of the standards to which the materials were purchased and the margins defined in the design provisions.

### RAI 2

In response to the NRC staff's request for clarification regarding the period of operation assumed for fatigue evaluations, the licensee confirmed that it had only considered the 40-year license period for which CR-3 is currently licensed. The licensee acknowledged that CR-3 was also currently seeking approval for a renewed operating license, but indicated that any changes to the licensing basis resulting from EPU approval which affect its license renewal application would be submitted per the requirements of 10 CFR 54.21(b). As such, the impact of EPU on the facility for the period of extended operation will be addressed in the review of the license renewal application and not considered in the NRC staff's review of the EPU license amendment request.

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**Created By:** Daniel.Westcott@pgnmail.com

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