

From: Poole, Justin
Sent: Tuesday, October 06, 2009 10:53 AM
To: 'Hale, Steve'; COSTEDIO, JAMES
Cc: Abbott, Liz
Subject: Draft - Request for Additional Information from the Mechanical & Civil Engineering Branch Re: Auxiliary Feedwater

Steve,

By letter dated April 7, 2009, FPL Energy Point Beach, LLC, submitted a license amendment application for Point Beach Nuclear Plant Units 1 and 2 which requested approval for modifications to the Auxiliary Feedwater system.

The Mechanical and Civil Engineering Branch has reviewed the information provided and determined that in order to complete its evaluation, additional information is required. We would like to discuss the questions, in draft form below, with you in a conference call.

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.

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## DRAFT

### EMCB RAI 1

Identify the code utilized in qualifying the structural integrity of the new and redesigned piping sections of the AFW piping and pipe supports for EPU conditions. If different from the plant design basis code of record, provide an acceptable justification.

### EMCB RAI 2

Provide loadings and load combinations used for the AFW piping design and analysis, which include seismic and fluid transient loads, and a quantitative summary of the maximum pipe stresses and fatigue usage factors with a comparison to code of record allowable stresses which shows that the acceptance criteria have been met for EPU conditions. Include data at critical locations. For equipment nozzles provide a summary of loads compared to specific allowable values.

### EMCB RAI 3

Confirm that all AFW piping and pipe supports have been evaluated and shown to remain structurally adequate to perform their intended design function and provide description of all pipe system and pipe support modifications to the existing AFW that are required to meet design basis at EPU conditions. In addition, provide the schedule of completion of all AFW work.

### EMCB RAI 4

Confirm that the AFW piping, according to the current licensing basis, is not considered high energy line and provide a justification.

DRAFT