

From: Beltz, Terry
Sent: Tuesday, October 19, 2010 7:40 AM
To: Hale, Steve
Cc: Abbott, Liz; Costedio, James; Flentje, Fritzie; Hanneman, Harv; Sahay, Prem; Pascarelli, Robert
Subject: Point Beach Nuclear Plant, Units 1 and 2 - Request for Clarification re: EPU LAR 261 HELB Review (EEEEB)

Steve

The NRC staff in the Electrical Engineering Branch has the following requests for clarification (please see below) related to your April 28, 2010, (ADAMS Accession No. ML101190081) response to RAI EEEB-5. Please contact me to set up a conference call to discuss these issues with our reviewer.

The sole purpose of this e-mail is to prepare you and others for the proposed conference call. This e-mail does not formally request additional information, and does not formally convey an NRC staff position.

Sincerely,

Terry A. Beltz, Senior Project Manager
NRR/ADRO/DORL/LPL3-1
(301) 415-3049

The following questions pertain to the staff's review of impact of the EPU on Environmental Qualification of Electric Equipment due to High Energy Line Breaks (HELB).

In its LAR, the licensee stated that its evaluation of EPU conditions demonstrated the continued qualification of the equipment . . . to ensure that the margins required by Institute of Electrical and Electronic Engineers (IEEE) 323-1974 are maintained. In response to staff's RAI question EEEB-5 dated April 28, 2010, the licensee provided LOCA temperature and pressure profiles.

Please provide clarification to the following additional questions:

1. Provide clarification to the margin shown on Figure 1 (LOCA Pressure vs. Time) of the applicant's response to the staff's RAI for the first peak of DEHL and the composite EQ curve and how it meets the margin value requirement for pressure in IEEE 323-1974.
2. Provide clarification to the margin shown on Figure 2 (LOCA Temperature vs. Time) of the applicant's response to the staff's RAI for the current LOCA minimum safety injection (MINSI) temperature at 1.0E+04 second and the composite EQ curve to demonstrate how it meets the margin value requirement for temperature in IEEE 323-1974.