From:	Poole, Justin
Sent:	Thursday, June 03, 2010 11:27 AM
To:	Hale, Steve; COSTEDIO, JAMES
Subject:	Draft - Request for Additional Information from Containment and Ventilation Branch on HELB RE: EPU

Steve,

By letter to the U.S. Nuclear Regulatory Commission (NRC) dated April 7, 2009 (Agencywide Documents Access and Management System Accession No. ML091250564), FPL Energy Point Beach, LLC, submitted a request to increase each unit's licensed core power level from 1540 megawatts thermal (MWt) to 1800 MWt reactor core power, and revise the technical specifications to support operation at this increased core thermal power level.

The Containment and Ventilation Branch has reviewed the information provided, with respect to the HELB reconstitution effort, 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.

Justin C. Poole
Project Manager
NRR/DORL/LPL3-1
U.S. Nuclear Regulatory Commission
(301)415-2048
email: Justin.Poole@nrc.gov
~~~~~~
DRAFT

1. Please provide a table which compares the values of input parameters in the current licensing basis (CLB) analysis which used COMPARE code, and the proposed analysis which used GOTHIC code. Provide justification for the parameters values that are different in the proposed analysis from the CLB analysis. At least the values of the following inputs parameters should be listed: (a) volumes, (b) initial conditions in each volume, (c) heat sinks along with their shape, material, surface areas and thickness, (d) break sizes and locations considered, (e) boundary conditions, (f) component parameters.

2. Provide the basis of mass and energy input used in the GOTHIC model. If different from the CLB analysis, explain and justify the differences.

3. Please provide the electronic version of the 'GTH' files of the GOTHIC model used in the proposed HELB analysis for various break cases.

DRAFT