

**PROP**

**FLORIDA POWER CORPORATION**

**CRYSTAL RIVER UNIT 3**

**DOCKET NUMBER 50-302 /LICENSE NUMBER DPR-72**

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION**

**ATTACHMENT B**

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION  
REQUIRED FOR THE DEVELOPMENT OF THE  
CONFIRMATORY LOCA AND NON-LOCA MODELS**

**(PROPRIETARY)**

**Request for Additional Information Required for the Development of Confirmatory LOCA  
and non-LOCA Models for the CR-3 Extended Power Uprate**

Florida Power Corporation (FPC), doing business as Progress Energy Florida, Inc. hereby provides a response to a request for additional information (RAI) required for the development of confirmatory Loss of Coolant Accident (LOCA) and non-LOCA models for the Crystal River Unit 3 (CR-3) Extended Power Uprate (EPU). Below is the NRC RAI that was forwarded to CR-3 by electronic mail on February 17, 2011.

**NRC Item 4**

*Non-LOCA Analysis Report(s): the sections of turbine trip, loss of feed and steam line break*

**CR-3 Response**

Analysis Input Summary (AIS) documents for the following events are attached (see the enclosed CD-ROM):

1. Turbine trip and load reject (AIS Document) 51-9060386-003
2. Main steam line break (MSLB) (AIS Document) 51-9059350-004

The remainder of the requested information is expected to be submitted when it become available.