



FEMA

September 11, 2015

Memorandum For: Vanessa E. Quinn, Branch Chief
Radiological Emergency Preparedness
Branch – NP-TH-RP

From:  Conrad S. Burnside, Chief
Technological Hazards Branch

Subject: August 2015 Interim Finding Report on the Adequacy of Offsite Radiological
Emergency Response Planning and Preparedness for the Proposed Levy
Nuclear Station

As a result of the decommissioning of Crystal River unit 3 and the potential for an impact on the original findings regarding adequacy of off-site capabilities used in the original Combined Operating License application provided for FEMA review. NRC and FEMA jointly determined that a supplemental interim finding report be generated. Based on this request FEMA Region IV Radiological Emergency Preparedness staff reviewed Duke Energy's Levy Nuclear Station's July 2015 update. Included in this submission was an analysis of impacts associated with the potential decommissioning of Crystal River unit 3, prepared by Progress Energy. This Interim Finding Report is based upon FEMA Regulations, its applicable planning standards and the evaluation criteria established in NUREG-0654/FEMA REP-1, Rev. 1, 1980, and Nuclear Regulatory Commission, section II.2.2 and the "Radiological Emergency Preparedness Program Standard Operating Procedure and Guidelines for New Reactor Combined License Application" approved October 10, 2008, revision 4 issued January 27, 2009.

The review of materials provided in the updated combined operations license application, as well as available State and local plans included: The State of Florida Comprehensive Emergency Response Plan (SCEMP) dated August 2014; the State of Florida Radiological Emergency Management Plan, Annex A-Appendix VI, dated August 2014; Citrus, Levy, and Marion County comprehensive emergency response plans.

FEMA Region IV found that the State of Florida and affected local governments have established an adequate planning framework for the proposed Levy Nuclear Station. The State and local jurisdiction have provided written commitment to complete their plans and preparedness tasks associated with the approval and construction of the Levy Nuclear Station. A Request for Additional Information (RAI) from the applicant to produce a post licensing timeline for completion of the offsite emergency response plans, associated preparedness tasks and qualifying exercise were submitted with and part of the original application.

FEMA Region IV will continue to work with the State of Florida and affect county governments to ensure the capability to protect the health and safety of the public from a radiological emergency at the proposed Levy Nuclear Station have been recognized by the State and local governments and adequate commitments have been provided as a portion of the applicant's submission. While pre-existing capabilities associated with the off-site Emergency Preparedness activities associated with Crystal River unit 3, may diminish over time, the commitment to re-engage in an active EP program by the State of Florida, and the counties of Marion, Levy and Citrus, provide the necessary assurances that the thresholds to successfully provide for the protection of the health and safety of off-site populations in the event of an incident at the proposed Levy site.

Should you have questions, please contact me at 770/220-5486.