

March 15, 2012

Mr. John Elnitsky, Vice President  
Nuclear Plant Development  
Progress Energy Florida, Inc.  
PO Box 14042  
Saint Petersburg, FL 33733

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 108  
CONCERNING IMPLEMENTATION OF FUKUSHIMA NEAR-TERM TASK  
FORCE RECOMMENDATIONS

Dear Mr. Elnitsky:

The U.S. Nuclear Regulatory Commission (NRC) staff is preparing to implement some of the Fukushima Near-Term Task Force recommendations, as described in SECY-12-0025, "Proposed Orders and Requests for Information in Response to Lessons Learned from Japan's March 11, 2011, Great Tohoku Earthquake and Tsunami" dated February 17, 2012. In SECY-12-0025, the staff proposed requiring new reactors to comply with certain Fukushima recommendations prior to licensing. On March 9, 2012, the Commission approved, with certain modification, the recommendations of SECY-12-0025 in SRM-12-0025. Accordingly, the staff is requesting that you provide additional information that describes how you have addressed (or plan to address) the actions in SECY-12-0025 that were approved by SRM-12-0025, as outlined below, in the combined license application for the Levy County Nuclear Power Plant. SECY-12-0025 and SRM-12-0025 are available in ADAMS as Accession Numbers ML12039A103 and ML120690347, respectively.

- Evaluate the seismic hazards at your site against current NRC requirements and guidance, and, if necessary, update the design basis and structures systems and components important to safety to protect against the updated hazards (seismic portion only - of detailed Recommendation 2.1 - Enclosure 7 of SECY-12-0025).
- Provide reasonable protection for equipment currently provided pursuant to 10 CFR 50.54(hh)(2) from the effects of design-basis external events and to add equipment as needed to address multi-unit events while other requirements are being revised and implemented (detailed Recommendation 4.2 - Enclosure 4 of SECY-12-0025).
- Provide sufficient reliable instrumentation, able to withstand design-basis natural phenomena, to monitor key spent fuel pool parameters (i.e., water level, temperature, and area radiation levels) from the control room (detailed Recommendation 7.1 - Enclosure 6 of SECY-12-0025).
- Determine and implement the required staff to fill all necessary positions for responding to a multi-unit event, conduct periodic training and exercises for multiunit and prolonged station blackout (SBO) scenarios, ensure that emergency preparedness equipment and

facilities are sufficient for dealing with multi-unit and prolonged SBO scenarios, provide a means to power communications equipment needed to communicate onsite and offsite during a prolonged SBO and maintain the Emergency Response Data System capability throughout the accident (detailed Recommendation 9.3 - Enclosure 7 to SECY-12-0025).

In order to minimize delays to the current licensing schedule, we request that you respond to all Fukushima-related requests for additional information (RAIs) within 60-days of receipt of the RAIs or provide a schedule for your response within 30-days. If you have any questions concerning this letter, please contact Mr. Brian C. Anderson at 301-415-9967 or email [Brian.Anderson@nrc.gov](mailto:Brian.Anderson@nrc.gov).

Sincerely,

***/RA Amy Snyder for:/***

Mark Tonacci, Chief  
Licensing Branch 4 (LB4)  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos.: 50-029  
50-030

Enclosures:  
As stated

cc: See next page

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 Licensing Branch 4 (LB4)  
 Division of New Reactor Licensing  
 Office of New Reactors

Docket Nos.: 50-029  
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Enclosures:  
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(Revised 01/26/2012)

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