August 21, 2014

MEMORANDUM TO: Edwin M. Hackett, Executive Director
Advisory Committee on Reactor Safeguards

FROM: Frank Akstulewicz, Director ***/RA Mark Delligatti for:/***
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: LEVY NUCLEAR POWER PLANT, UNITS 1 AND 2 COMBINED LICENSE APPLICATION – REVISED ADVANCED SAFETY EVALUATION WITHOUT OPEN ITEMS FOR CHAPTER 6, "ENGINEERED SAFETY FEATURES," SECTION 6.3, "PASSIVE CORE COOLING SYSTEM"

By letter dated July 28, 2008, Progress Energy Florida, Inc., now Duke Energy Florida (DEF), submitted an application to the U.S. Nuclear Regulatory Commission (NRC) for a combined license (COL) for Levy Nuclear Power Plant (LNP) Units 1 and 2 (Agencywide Documents Access and Management System (ADAMS) No. ML082260277).

Based on our review of the application, the staff is providing the Advisory Committee on Reactor Safeguards (ACRS) its revised Advanced Safety Evaluation (ASE) without Open Items for Chapter 6, "Engineered Safety Features," Section 6.3, "Passive Core Cooling System." This revised ASE (ADAMS Accession No. ML14225A239) addresses additional information submitted by DEF since the staff issued its original ASE without Open Items for Chapter 6, "Engineered Safety Features," on March 30, 2011 (ADAMS Accession No. ML110250040). Unless otherwise stated in the ASE, the staff's review was based on Revision 6 of the application. The ASE is being provided to support an upcoming September 17, 2014, meeting of the ACRS AP1000 Subcommittee.

In accordance with the memorandum to the ACRS dated March 17, 2010 (ADAMS Accession No. ML100700612), the staff has reviewed the submitted information against the categories for which the ACRS requested be used to highlight information for review by the committee. The staff's assessment of this ASE is that its subject falls into categories for identified for discussion with the committee.

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The staff concludes that the ASE does not contain any information exempt from public disclosure. However, the NRC will withhold the ASE from public disclosure for ten business days to allow DEF the opportunity to verify the staff's conclusion that the ASE contains no such exempt information. Therefore, the staff requests that the ACRS withhold the ASE from public disclosure until it has been released publicly in ADAMS.

The staff will inform the ACRS immediately if DEF requests that any of the information in the ASE be withheld from public disclosure.

Docket Nos.: 52-029
52-030

The staff concludes that the ASE does not contain any information exempt from public disclosure. However, the NRC will withhold the ASE from public disclosure for ten business days to allow DEF the opportunity to verify the staff's conclusion that the ASE contains no such exempt information. Therefore, the staff requests that the ACRS withhold the ASE from public disclosure until it has been released publicly in ADAMS.

The staff will inform the ACRS immediately if DEF requests that any of the information in the ASE be withheld from public disclosure.

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ADAMS ACCESSION NOs.:
Memo: ML14230A893
SE: ML14225A239 NRO-002

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