



Serial: NPD-NRC-2010-018
March 5, 2010

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555-0001

**SHEARON HARRIS NUCLEAR POWER PLANT, UNITS 2 AND 3
DOCKET NOS. 52-022 AND 52-023
LEVY NUCLEAR PLANT, UNITS 1 AND 2
DOCKET NOS. 52-029 AND 52-030
NRC REGULATORY ISSUE SUMMARY 2010-01
PROCESS FOR SCHEDULING ACCEPTANCE REVIEWS OF NEW REACTOR LICENSING
APPLICATIONS AND PROCESS FOR DETERMINING BUDGET NEEDS FOR FISCAL YEAR
2012**

Ladies and Gentlemen:

NRC Regulatory Issue Summary (RIS) 2010-01 requested information on 10 CFR Part 52 licensing actions that would assist the Commission in determining fiscal year (FY) 2012 resource and budget needs, among other requests for information. Progress Energy Carolinas, Inc. (PEC) and Progress Energy Florida, Inc. (PEF) herein provide a voluntary response to RIS 2010-01 for the Shearon Harris Nuclear Power Plant, Units 2 and 3 (HAR), and the Levy Nuclear Plant, Units 1 and 2 (LNP), COL Applications, which are currently under review by the NRC.

The NRC has informed PEC that they are in the process of revising the currently published schedules for the environmental and safety reviews of the HAR COL application, but this information has not been provided to PEC. As such, the current schedule for the NRC review is uncertain.

PEC remains committed to adding reliable, nuclear base-load generation in the PEC service territory before the reserve margins drop to unacceptable levels. Preliminary estimates of slower growth resulting from the national economic slowdown show that later dates for commercial in-service of HAR may be acceptable, as opposed to earlier dates forecast at the time of the COL application. PEC is in the process of its integrated resource planning review of generation needs in its Carolinas service territory. The next updated Integrated Resource Plan (IRP) will be issued in September 2010. When the new IRP is issued, PEC will inform the NRC of updates to the HAR projected in-service dates. Regardless of the updated in-service dates, significant pre-construction work is required based on factors tangential to the construction of the nuclear power plant itself, such as transportation infrastructure upgrades to accommodate the construction work force and raising the Harris Lake from 220 feet elevation to 240 feet elevation. To minimize risk, our intent is to schedule performance of the pre-construction work after receipt of the COL. In order to preserve nuclear base-load generation as the preferred option to meet future needs, PEC continues to place a high priority on the timely receipt of the HAR COL and requests the NRC to continue diligent review of the Harris COLA.

Progress Energy Florida, Inc.
P.O. Box 14042
St. Petersburg, FL 33733

DO84
DO94
NRO

The schedule for the environmental and safety reviews of the LNP COL application has been updated by the NRC recently, and calls for the NRC to complete its review in both areas by July 2011 (during FY 2011) pending any updates to the Westinghouse AP-1000 design certification amendment schedule. The emphasis in the PEF service territory is to provide replacement for fossil-fueled base-load plants with nuclear base-load plants in order to achieve the benefits of fuel diversity and to be consistent with the certificate of need issued by the State of Florida in August 2008. The updated review schedule, the currently anticipated contested hearings as well as mandatory hearings in order to issue the LNP COL, and the delay in on-site construction activities until the COL is issued result in extended commercial in-service dates for LNP as compared to the dates provided in the latest revision of the COL application. PEF expects the LNP in-service dates will be consistent with the Florida certificate of need and will reflect bringing LNP into service as early as is commercially reasonable. PEF will inform the NRC of these revised dates when they become available. PEF is still anticipating the final Environmental Impact Statement and Final Safety Evaluation Report to be issued in FY 2011; activities in FY 2012 will be mostly associated with completing the contested and mandatory hearings.

If you have any further questions, or need additional information, please contact Bob Kitchen at (919) 546-6992, or me at (727) 820-4481.

Sincerely,



John Elnitsky
Vice President
Nuclear Plant Development

cc : U.S. NRC Region II, Regional Administrator
U.S. NRC Resident Inspector, SHNPP Unit 1
Mr. Brian Hughes, U.S. NRC Project Manager
Mr. Brian Anderson, U.S. NRC Project Manager