



Serial: NPD-NRC-2010-039  
April 29, 2010

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

LEVY NUCLEAR PLANT, UNITS 1 AND 2  
DOCKET NOS. 52-029 AND 52-030  
NOTIFICATION OF MODIFICATION SUBMITTED FOR LNP SCA

Ladies and Gentlemen:

This is to inform you that on April 29, 2010, Progress Energy submitted a petition for modification of the State of Florida's certification pursuant to Section 403.516(1)(c), Florida Statutes, and Rule 62-17.211(1)(b), Florida Administrative Code, for the Progress Energy Florida (PEF) Levy Nuclear Units 1 and 2. The requested modification involves changes to the currently-certified corridor for the heavy haul road, cooling water makeup pipelines and the wastewater/blowdown pipelines to be constructed between the LNP site, in Levy County, Florida, and the PEF Crystal River Energy Complex (CREC) in Citrus County, Florida. A figure showing the currently certified corridor compared to the proposed modified corridor is attached. This modification is requested to provide greater flexibility to minimize impacts to wetlands and other natural resources by locating the final rights-of-way (ROWs) within uplands or lower quality land uses. In addition, the proposed wider corridor provides an opportunity to further minimize disruption of recreational activities along the Cross Florida Barge Canal (CFBC) and to reduce the use of state-owned lands along the CFBC. The final ROW widths within the corridor will remain the same.

It is not expected that the proposed modification of this corridor will result in any greater adverse environmental effects than would occur within the existing certified corridor for the heavy haul road and water pipeline facilities. The length of the entire corridor will remain at approximately 13 miles, but its width in certain places will increase 0.75 miles, for a total width of up to 1 mile, as described above. While the width of the corridor will increase in some locations, the final rights-of-way for each of the facilities within the corridor, as identified in the original Site Certification Application (SCA), will not increase as a result of this modification.

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PEF does not anticipate any increased environmental impact due to the new certified corridor, if approved. The new certified corridor will allow greater flexibility in avoiding environmental impacts. If you have any questions, or require additional information, please contact Paul Snead at 919-546-2836.

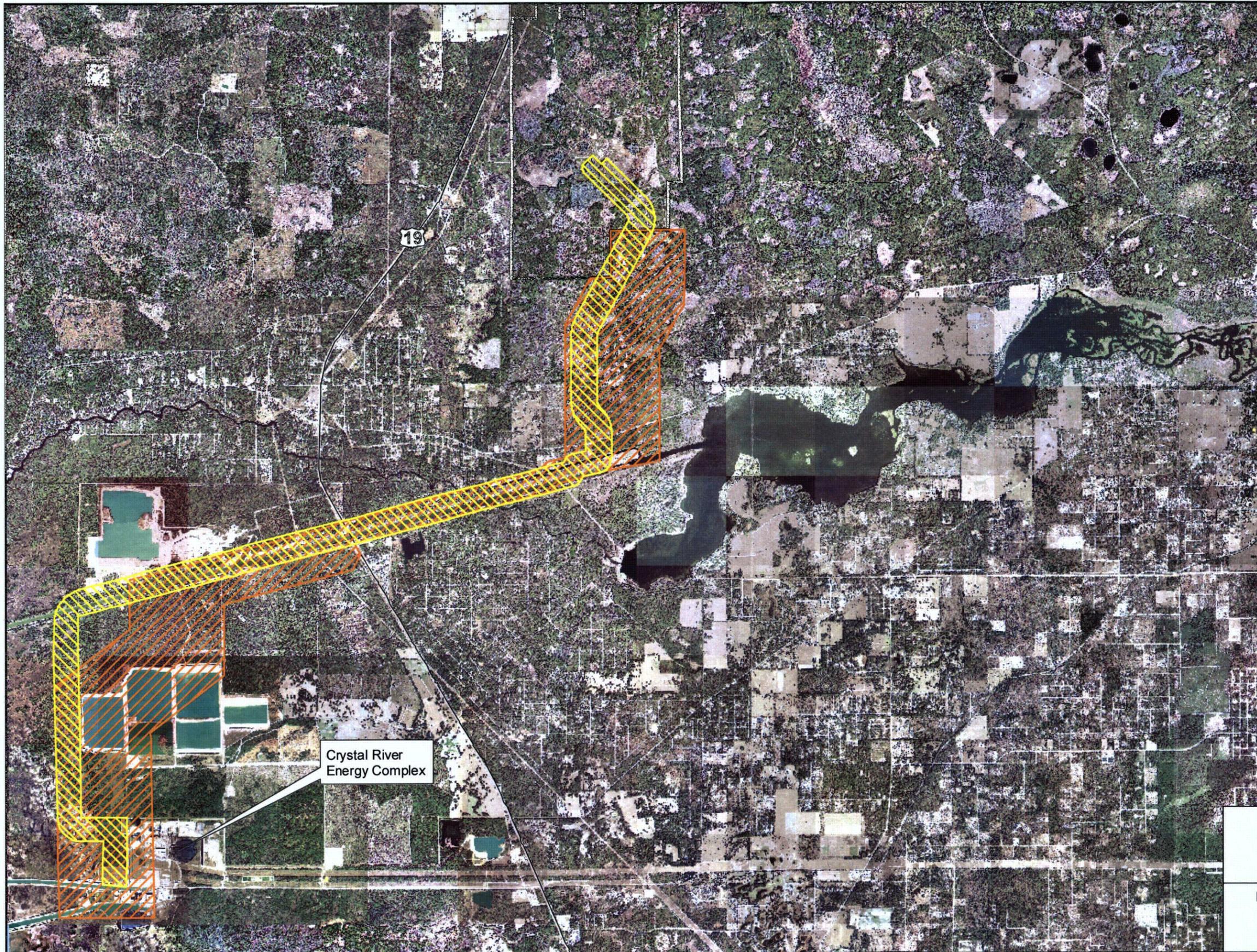
Sincerely,

A handwritten signature in black ink, appearing to read "Robert Kitchen". The signature is fluid and cursive, with the first name being more prominent.

Robert Kitchen  
Manager - Nuclear Plant Licensing  
Progress Energy

Attachment

cc: Mr. Brian C. Anderson, U.S. NRC Project Manager  
Mr. Douglas Bruner, U.S. NRC Environmental Project Manager

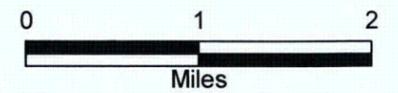
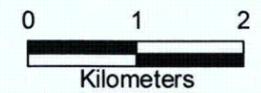


**LEGEND**

-  Certified Corridor
-  Proposed Pipeline Corridor
-  LNP Site Boundary

**Sources**

Aerials: FDOT, 2008



Progress Energy Florida  
**Levy Nuclear Plant  
Units 1 and 2**

Pipeline Corridor Comparison Overlay