

September 13, 2011

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

SUBJECT: LEVY NUCLEAR POWER PLANT UNITS 1 AND 2 COMBINED LICENSE
APPLICATION – ADVANCED SAFETY EVALUATION WITHOUT OPEN ITEMS
FOR SECTION 2.4, “HYDROLOGIC ENGINEERING”

Dear Mr. Elnitsky:

The U.S. Nuclear Regulatory Commission (NRC) staff is preparing an advanced safety evaluation (ASE) without open items (OIs) for each chapter of the Levy Nuclear Power Plant (LNP), Units 1 and 2 Combined License Application (COLA) submitted by Progress Energy Florida, Inc (PEF) on July 28, 2008.

The staff’s ASE without OIs for Section 2.4, “Hydrologic Engineering,” is being provided to the Advisory Committee on Reactor Safeguards (ACRS) Subcommittee to support upcoming meetings of the ACRS Subcommittee, scheduled to be held in October 2011.

The enclosed ASE without OIs is being provided only to PEF for review of proprietary information pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 “Public Inspections, Exemptions, Requests for Withholding.” The staff concludes that the enclosed ASE does not contain any information for which exemption from public disclosure has been sought or approved or any factual errors. However, the NRC will withhold the enclosed ASE from public disclosure for ten business days from the date of this letter to allow you the opportunity to verify the staff’s conclusion that the ASE contains no such exempt information or any factual errors. If within that ten day period, you do not request that all or portions of the ASE be withheld from public disclosure, the enclosure will be made available for public inspection through the NRC Public Document Room and the Publicly Available Records component of the NRC’s Agencywide Documents Access and Management System and placed on the NRC’s public web page for this application.

Document transmitted herewith contains sensitive unclassified information. When separated from the enclosure, this document is “DECONTROLLED.”

J. Elnitsky

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If you have any questions or comments concerning this matter, please contact Mr. Brian Anderson, the lead project manager for the LNP COLA at (301) 415-9967, brian.anderson@nrc.gov.

Sincerely,

/RA/

Jeffrey Cruz, Chief
AP1000 Projects Branch (NWE 1)
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-029
52-030

Enclosure:
Safety Evaluation, Chapter 2

cc w/o encl: See next page

J. Elnitsky

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Safety Evaluation, Chapter 2

cc w/o encl: See next page

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ADAMS Accession Numbers:

PKG: ML100700410

SER: ML112550268

ACRS Memo: ML112550297

Cover Letter: ML112550321

NRO-002

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NAME	BAnderson	KGoldstein	JCruz
DATE	09/13/11	09/12/11	09/13/11

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COL - Progress Energy - Levy County Mailing List

(Revised 04/06/2011)

cc:

Ms. Michele Boyd
Legislative Director
Energy Program
Public Citizens Critical Mass Energy
and Environmental Program
215 Pennsylvania Avenue, SE
Washington, DC 20003

Ms. Georgia Cranmore
Assistant Regional Administrator
NOAA Fisheries Southeast Regional Office
9721 Executive Center Drive North
Saint Petersburg, FL 33702

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

COL - Progress Energy - Levy County Mailing List

Email

APH@NEI.org (Adrian Heymer)
awc@nei.org (Anne W. Cottingham)
Bill.Jacobs@gdsassociates.com (Bill Jacobs)
billn@fcan.org (Bill Newton)
brian.mccabe@pgnmail.com (Brian McCabe)
BrinkmCB@westinghouse.com (Charles Brinkman)
chris.burton@pgnmail.com (Chris Burton)
CumminWE@Westinghouse.com (Edward W. Cummins)
cwaltman@roe.com (C. Waltman)
david.lewis@pillsburylaw.com (David Lewis)
david.waters@pgnmail.com (Dave Waters)
Derlinda.Bailey@chguernsey.com (Derinda Bailey)
ed.burns@earthlink.net (Ed Burns)
gzinke@entergy.com (George Alan Zinke)
jim.riccio@wdc.greenpeace.org (James Riccio)
joe.w.donahue@pgnmail.com (Joe Donahue)
john.elnitsky@pgnmail.com (John Elnitsky)
Joseph_Hegner@dom.com (Joseph Hegner)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)
Ichandler@morganlewis.com (Lawrence J. Chandler)
levynuke@ecologyparty.org (Cara Campbell)
Marc.Brooks@dhs.gov (Marc Brooks)
maria.webb@pillsburylaw.com (Maria Webb)
mark.beaumont@wsms.com (Mark Beaumont)
Mark.Crisp@chguernsey.com (Mark Crisp)
maryo@nirs.org (Mary Olson)
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
media@nei.org (Scott Peterson)
Mike.Halpin@dep.state.fl.us (Mike Halpin)
MSF@nei.org (Marvin Fertel)
nirsnet@nirs.org (Michael Mariotte)
Nuclaw@mindspring.com (Robert Temple)
patriciaL.campbell@ge.com (Patricia L. Campbell)
Paul@beyondnuclear.org (Paul Gunter)
pbessette@morganlewis.com (Paul Bessette)
pshastings@duke-energy.com (Peter Hastings)
RJB@NEI.org (Russell Bell)
robert.kitchen@pgnmail.com (Robert H. Kitchen)
ronald_m_bright@bellsouth.net (Ronald Bright)
rstone44@tampabay.rr.com (Roger Stone)
sabinski@suddenlink.net (Steve A. Bennett)
sandra.sloan@areva.com (Sandra Sloan)
sfrantz@morganlewis.com (Stephen P. Frantz)

COL - Progress Energy - Levy County Mailing List

stephan.moen@ge.com (Stephan Moen)
Tansel.Selekler@nuclear.energy.gov (Tansel Seleker)
twinkletoesdms@aol.com (Robert and Deborah Smith)
Vanessa.quinn@dhs.gov (Vanessa Quinn)