

February 16, 2006

Mr. J. A. Stall  
Senior Vice President, Nuclear and  
Chief Nuclear Officer  
Florida Power and Light Company  
P.O. Box 14000  
Juno Beach, Florida 33408-0420

SUBJECT: ST. LUCIE PLANT, UNITS 1 AND 2 - ACCIDENT SEQUENCE PRECURSOR  
ANALYSIS PEER REVIEW

Dear Mr. Stall:

The enclosure to this letter contains the preliminary Accident Sequence Precursor (ASP) analysis of an operational event that occurred at St. Lucie Units 1 and 2 during the fiscal year 2004. The preliminary ASP was developed by the Operating Experience Risk Analysis Branch of the U.S. Nuclear Regulatory Commission's Office of Nuclear Regulatory Research. The preliminary ASP is currently undergoing internal peer review, which is expected to be completed by March 27, 2006. We request that your staff also conduct a peer review and provide comments to us by that date. Comments received from these peer reviews will be factored into the final ASP analysis, which will be publicly available.

If you have any questions, please contact me at (301) 415-3974.

Sincerely,

**/RA/**

Brendan T. Moroney, Project Manager  
Plant Licensing Branch 2-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-335 and 50-389

Enclosure: As stated

cc w/o encl: See next page

February 16, 2006

Mr. J. A. Stall  
Senior Vice President, Nuclear and  
Chief Nuclear Officer  
Florida Power and Light Company  
P.O. Box 14000  
Juno Beach, Florida 33408-0420

SUBJECT: ST. LUCIE PLANT, UNITS 1 AND 2 - ACCIDENT SEQUENCE PRECURSOR  
ANALYSIS PEER REVIEW

Dear Mr. Stall:

The enclosure to this letter contains the preliminary Accident Sequence Precursor (ASP) analysis of an operational event that occurred at St. Lucie Units 1 and 2 during the fiscal year 2004. The preliminary ASP was developed by the Operating Experience Risk Analysis Branch of the U.S. Nuclear Regulatory Commission's Office of Nuclear Regulatory Research. The preliminary ASP is currently undergoing internal peer review, which is expected to be completed by March 27, 2006. We request that your staff also conduct a peer review and provide comments to us by that date. Comments received from these peer reviews will be factored into the final ASP analysis, which will be publicly available.

If you have any questions, please contact me at (301) 415-3974.

Sincerely,

**/RA/**

Brendan T. Moroney, Project Manager  
Plant Licensing Branch 2-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-335 and 50-389

Enclosure: As stated

cc w/o encl: See next page

Distribution:

PUBLIC LPL2-2 R/F BSingal(bks1) RidsAcrcAcnwMailCenter  
SMays PO'Reilly NChokshi RidsNrrDorLpld  
SSancaktar RidsOgcRp JDanna RidsNrrPMBMoroney  
RidsRgn2MailCenter RidsNrrLABClayton

ADAMS Accession No: ML060470117 Package: ML060470127

NRR-106

OFFICE	LPL2-2/PM	LPL2-2/LA	LPL2-2/BC
NAME	BMoroney	BClayton	MMarshall
DATE	02/16/06	02/16/06	02/16/06

**OFFICIAL RECORD COPY**

Mr. J. A. Stall  
Florida Power and Light Company

**ST. LUCIE PLANT**

cc:  
Senior Resident Inspector  
St. Lucie Plant  
U.S. Nuclear Regulatory Commission  
P.O. Box 6090  
Jensen Beach, Florida 34957

Mr. C. Costanzo  
Acting Plant General Manager  
St. Lucie Nuclear Plant  
6351 South Ocean Drive  
Jensen Beach, Florida 34957

Craig Fugate, Director  
Division of Emergency Preparedness  
Department of Community Affairs  
2740 Centerview Drive  
Tallahassee, Florida 32399-2100

Mr. Terry Patterson  
Licensing Manager  
St. Lucie Nuclear Plant  
6351 South Ocean Drive  
Jensen Beach, Florida 34957

M. S. Ross, Managing Attorney  
Florida Power & Light Company  
P.O. Box 14000  
Juno Beach, FL 33408-0420

Mark Warner, Vice President  
Nuclear Operations Support  
Florida Power and Light Company  
P.O. Box 14000  
Juno Beach, FL 33408-0420

Marjan Mashhadi, Senior Attorney  
Florida Power & Light Company  
801 Pennsylvania Avenue, NW.  
Suite 220  
Washington, DC 20004

Mr. Rajiv S. Kundalkar  
Vice President - Nuclear Engineering  
Florida Power & Light Company  
P.O. Box 14000  
Juno Beach, FL 33408-0420

Mr. Douglas Anderson  
County Administrator  
St. Lucie County  
2300 Virginia Avenue  
Fort Pierce, Florida 34982

Mr. J. Kammel  
Radiological Emergency  
Planning Administrator  
Department of Public Safety  
6000 Southeast Tower Drive  
Stuart, Florida 34997

Mr. William A. Passetti, Chief  
Department of Health  
Bureau of Radiation Control  
2020 Capital Circle, SE, Bin #C21  
Tallahassee, Florida 32399-1741

Mr. G. L. Johnston  
Acting Site Vice President  
St. Lucie Nuclear Plant  
6351 South Ocean Drive  
Jensen Beach, Florida 34957-2000