

July 29, 2002

APPLICANT: Florida Power and Light Company

FACILITIES: St. Lucie, Units 1 and 2

SUBJECT: TELECOMMUNICATION WITH FLORIDA POWER AND LIGHT COMPANY TO
DISCUSS INFORMATION PROVIDED TO THE NRC STAFF IN A RESPONSE
FOR INFORMATION DATED JUNE 25, 2002

On July 15, 2002, a conference call was conducted between the U.S. Nuclear Regulatory Commission (NRC) staff, NRC contractor staff, and representatives of Florida Power and Light Company (hereafter referred to as FPL or the licensee) to clarify specific information provided to the NRC staff in a letter from Mr. D. Jernigan, FPL, dated June 25, 2002. The letter was in response to a request for additional information (RAI) on the subject of Severe Accident Management Alternatives (SAMA) contained in a letter from the NRC staff to FPL dated May 7, 2002. The following personnel participated in the June 25, 2002, conference call: Michael Masnik, NRC; Jim Meyer, NRC Contractor; Kim Green, NRC Contractor; Tom Abatiello, FPL; Ching Guey, FPL; and Mamoud Heiba, FPL.

The staff asked several questions pertaining to the methodology used by FPL to identify potential SAMAs. The staff asked whether or not importance measures were used to identify or eliminate the potential SAMAs for each unit. FPL responded by stating that they relied on the risk reduction worth values to eliminate SAMAs with a risk reduction worth of less than 1.001; however, they did not use the risk reduction worth values to identify potential plant-specific SAMAs in the environmental review (ER). SAMAs with a risk reduction worth greater than 1.00 were reviewed, but no new SAMA candidates were identified. The staff also discussed with the licensee the cut-off frequency for the top 100 cut-sets evaluated.

The staff asked a number of clarifying questions that primarily reaffirmed its understanding on methodology and assumptions made by the licensee. The questions pertained to the calculation of core damage frequency, assumptions on the extrapolation of human population densities around the facility during the renewal period, the relative uncertainty between the models used and the parameters used in the PRA, and the assumptions made in the plant-specific Modular Accident Analysis Program (MAAP) related to late containment failure.

The conference call generated no open items.

Original Signed By: MTMasnik

Michael T. Masnik, Senior Project Manager
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos. 50-335 and 50-389

cc: See next page

July 29, 2002

APPLICANT: Florida Power and Light Company

FACILITIES: St. Lucie, Units 1 and 2

SUBJECT: TELECOMMUNICATION WITH FLORIDA POWER AND LIGHT COMPANY TO
DISCUSS INFORMATION PROVIDED TO THE NRC STAFF IN A RESPONSE
FOR INFORMATION DATED JUNE 25, 2002

On July 15, 2002, a conference call was conducted between the U.S. Nuclear Regulatory Commission (NRC) staff, NRC contractor staff, and representatives of Florida Power and Light Company (hereafter referred to as FPL or the licensee) to clarify specific information provided to the NRC staff in a letter from Mr. D. Jernigan, FPL, dated June 25, 2002. The letter was in response to a request for additional information (RAI) on the subject of Severe Accident Management Alternatives (SAMA) contained in a letter from the NRC staff to FPL dated May 7, 2002. The following personnel participated in the June 25, 2002, conference call: Michael Masnik, NRC; Jim Meyer, NRC Contractor; Kim Green, NRC Contractor; Tom Abatiello, FPL; Ching Guey, FPL; and Mamoud Heiba, FPL.

The staff asked several questions pertaining to the methodology used by FPL to identify potential SAMAs. The staff asked whether or not importance measures were used to identify or eliminate the potential SAMAs for each unit. FPL responded by stating that they relied on the risk reduction worth values to eliminate SAMAs with a risk reduction worth of less than 1.001; however, they did not use the risk reduction worth values to identify potential plant-specific SAMAs in the environmental review (ER). SAMAs with a risk reduction worth greater than 1.00 were reviewed, but no new SAMA candidates were identified. The staff also discussed with the licensee the cut-off frequency for the top 100 cut-sets evaluated.

The staff asked a number of clarifying questions that primarily reaffirmed its understanding on methodology and assumptions made by the licensee. The questions pertained to the calculation of core damage frequency, assumptions on the extrapolation of human population densities around the facility during the renewal period, the relative uncertainty between the models used and the parameters used in the PRA, and the assumptions made in the plant-specific Modular Accident Analysis Program (MAAP) related to late containment failure.

The conference call generated no open items.

Original Signed By: MTMasnik

Michael T. Masnik, Senior Project Manager
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos. 50-335 and 50-389

cc: See next page

Distribution: See next page

Accession no.: ML022140331

*See previous concurrence

Document name: C:\ORPCheckout\FileNET\ML022140331.wpd

OFFICE	RLEP:DRIP	RLEP:DRIP	LA:RLEP	SC:RLEP
NAME	JDavis*	MMasnik	HBerilla*	JTappert(*REmch for)
DATE	07/29/02	07/29/02	07/19/02	07/29/02

OFFICIAL RECORD COPY

DISTRIBUTION: TELECOMMUNICATION BETWEEN NRC AND FPLC, DATED: July 29, 2002

RLEP R/F

J. Davis

M. Masnik

H. Berilla

R. Palla

J. Tapper

ST. LUCIE PLANT

Florida Power and Light Company

cc:

Mr. J. A. Stall
Senior Vice President, Nuclear and Chief
Nuclear Officer
Florida Power and Light Company
700 Universe Boulevard
P.O. Box 029100
Juno Beach, FL 33408-0420

Senior Resident Inspector
St. Lucie Plant
U.S. Nuclear Regulatory Commission
P.O. Box 6090
Jensen Beach, Florida 34957-2000

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

M. S. Ross, Attorney
Florida Power and 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. William A. Passetti, Chief
Department of Health
Bureau of Radiation Control
2020 Capital Circle, SE, Bin #C21
Tallahassee, Florida 32399-1741

Attorney General
Department of Legal Affairs
The Capitol
Tallahassee, Florida 32304

Mr. Donald E. Jernigan, Site Vice President
St. Lucie Nuclear Plant
Florida Power and Light Company
6351 South Ocean Drive
Jensen Beach, Florida 34957-2000

Mr. Steve Hale
St. Lucie Nuclear Plant
Florida Power and Light Company
6351 South Ocean Drive
Jensen Beach, Florida 34957-2000

Mr. R. G. West
Plant General Manager
St. Lucie Nuclear Plant
Florida Power and Light Company
6351 South Ocean Drive
Jensen Beach, Florida 34957-2000

Mr. T.L. Patterson
Licensing Manager
St. Lucie Nuclear Plant
Florida Power and Light Company
6351 South Ocean Drive
Jensen Beach, Florida 34957-2000

Mr. Don Mothena
Manager, Nuclear Plant Support Services
Florida Power & Light Company
P.O. Box 14000
Juno Beach, FL 33408-0420

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

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

Mr. Alan P. Nelson
Nuclear Energy Institute
1776 I Street, N.W., Suite 400
Washington, DC 20006-3708

Indian River Community College
ATTN: Dr. R. Wideman/ Library
3209 Virginia Avenue
Ft. Pierce, FL 34981-5596