

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9206050108 DOC.DATE: 92/06/01 NOTARIZED: YES DOCKET #  
 FACIL:50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250  
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251

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 RECIP.NAME RECIPIENT AFFILIATION Document Control Branch (Document Control Desk)

SUBJECT: Responds to 920513 telephone request concerning containment failure probabilities.Enclosed find pie-chart of Containment Failure Fractions.

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 TITLE: Generic Ltr 88-20 re Individual Plant Evaluations

NOTES:NRR RAGHAVAN,L 05000250  
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JUN 01 1992  
L-92-161  
10 CFR 50.54(f)

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D. C. 20555

Gentlemen:

Re: Turkey Point Units 3 and 4  
Docket Nos. 50-250 and 50-251  
TAC Nos. M74482 and M74483  
Individual Plant Examinations (IPE) for Severe  
Accident Vulnerabilities (Generic Letter 88-20)  
Response to Request for Additional Information

This letter provides Florida Power and Light Company's (FPL) response to a Nuclear Regulatory Commission (NRC) Request for Additional Information concerning containment failure probabilities, as requested by telephone on May 14, 1992. By letter L-91-184, dated June 25, 1991, FPL submitted the Final Report of the results of the Turkey Point IPE for Severe Accident Vulnerabilities. On March 11, 1992, FPL submitted additional information on the IPE to the NRC by letter L-92-62.

In response to the May 13, 1992 telephone request, please find attached a pie-chart of Containment Failure Fractions. The containment bypass sequence frequencies are  $6.24E-8$ /yr for Interfacing Systems Loss Of Coolant Accidents (ISL) and  $6.60E-8$ /yr for Steam Generator Tube Ruptures (SGTR). These reductions (from the June 25, 1991 submittal) result from more realistic estimates of operations non-recovery probabilities. For an ISL, the revised estimates are based on taking credit for time to Refueling Water Storage Tank (RWST) depletion, considering the capability of the non-accident unit's high head safety injection system to provide injection flow from the non-accident unit's RWST. Analyses show that this time is 6 hours, from start of an ISL, for Turkey Point. For an SGTR, the revised estimates are based on taking credit for nitrogen backup capability to the Atmospheric Dump Valves.

Should there be any questions, please contact us.

Very truly yours,

T. F. Plunkett  
Vice President  
Turkey Point Nuclear

attachment

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC  
Senior Resident Inspector, USNRC, Turkey Point Plant

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PDR ADDCK 05000250  
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STATE OF FLORIDA       )  
                                  ) ss.  
COUNTY OF DADE       )

T. F. Plunkett being first duly sworn, deposes and says:

That he is Vice President, Turkey Point Nuclear,  
of Florida Power and Light Company, the Licensee herein;

That he has executed the foregoing document; that the statements  
made in this document are true and correct to the best of his  
knowledge, information and belief, and that he is authorized to  
execute the document on behalf of said Licensee.

T. F. Plunkett  
T. F. Plunkett

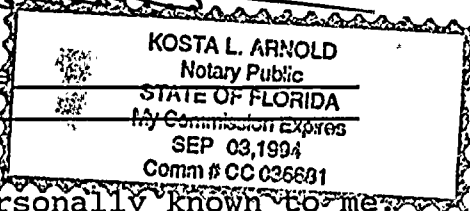
Subscribed and sworn to before me this

1<sup>ST</sup> day of JUNE, 1992.

KOSTA L. ARNOLD

Name of Notary Public (Type or Print)  
NOTARY PUBLIC, in and for the County of  
Dade, State of Florida

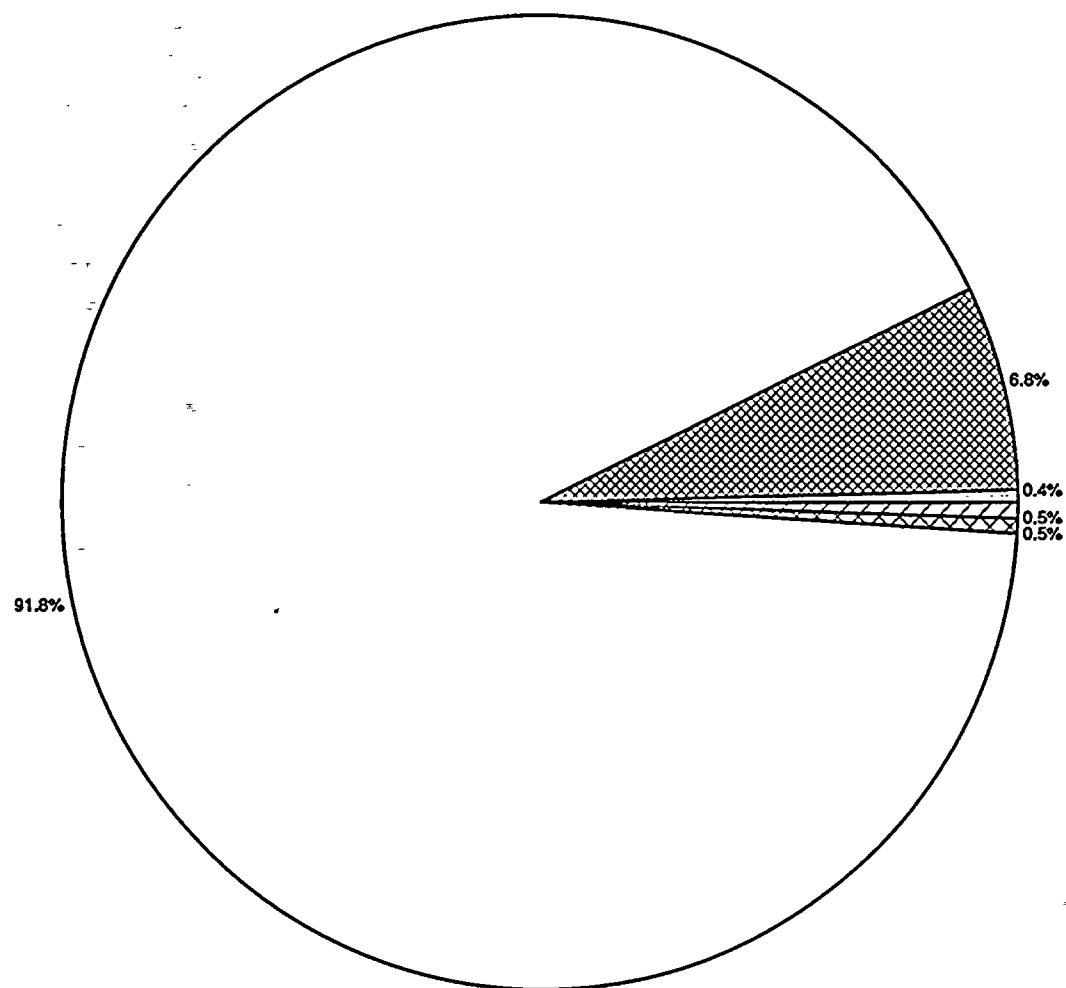
My Commission expires  
Commission No. \_\_\_\_\_



T. F. Plunkett is personally known to me.



# CONTAINMENT FAILURE FRACTIONS



TOTAL PDS FREQUENCY =  $1.3E-5$  /YR

