

JUN 5 1979

Docket Nos. 50-250
and 50-251

LICENSEE: FLORIDA POWER AND LIGHT COMPANY (FPL)
FACILITY: TURKEY POINT PLANT UNIT NOS. 3 AND 4
SUBJECT: SUMMARY OF MEETING HELD ON MAY 29, 1978-1979
TO DISCUSS CONTAINMENT PURGE DURING
NORMAL OPERATION

Background: Plant

On November 28, 1978 we sent a letter to FPL regarding containment purge during normal plant operation. The letter requested a commitment in 30 days to cease all containment purge during operation or provide a justification for continued purging at Turkey Point. Specifically three options were given:

- "(1) Propose an amendment to the plant Technical Specifications based upon the enclosed model Technical Specification, or
- (2) If you plan to justify limited purging, you must propose a Technical Specification change limiting purging during operation to 90 hours per year as described in the enclosed Standard Review Plan Section 6.2.4, Revision 1. Your justification must include a demonstration (by test or by test and analysis similar to that required by Standard Review Plan 3.9.3) of the ability of the containment isolation valves to close under postulated design basis accident conditions. Within thirty days of receipt of this letter, you are requested to provide a schedule for completion of your evaluation justifying continuation of limited purging during power operation.
- (3) If you plan to justify unlimited purging you need not propose a Technical Specification Change at this time. You must, however, provide the basis for purging and a schedule for responding to the issues relating to purging during normal operation as described in the enclosed Standard Review Plan Section 6.2.4, Revision 1, and the associated Branch Technical Position CSB 6-4. As discussed in these documents, purging during normal operation may be permitted if the purge isolation valves are capable of closing against the dynamic forces of a design basis loss-of-coolant accident. Also, basis for

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CCP

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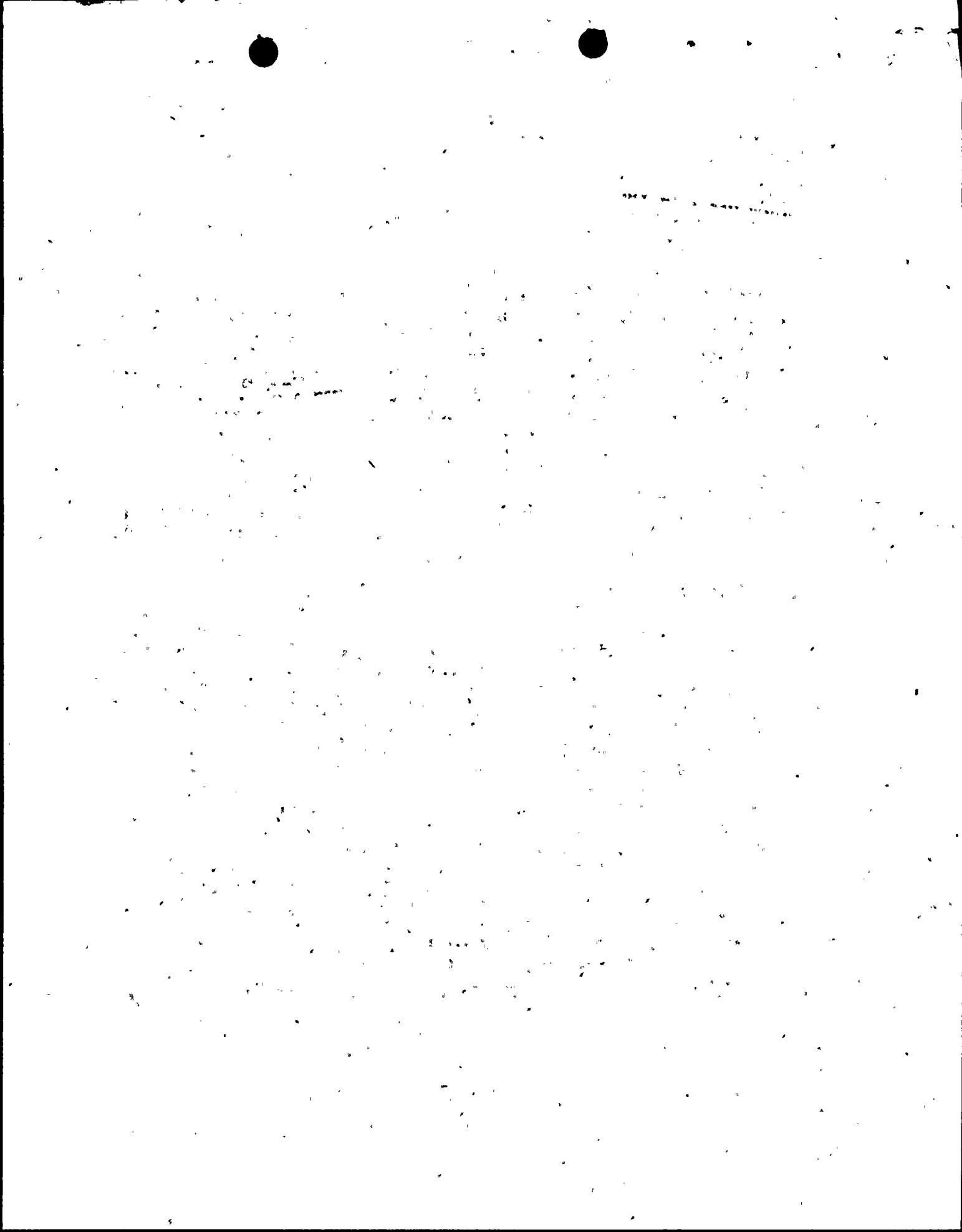
unlimited purging must include an evaluation of the impact of purging during operation on ECCS performance, an evaluation of the radiological consequences of any design basis accident requiring containment isolation occurring during purge operations, and an evaluation of containment purge and isolation instrumentation and control circuit designs." Within thirty days of receipt of this letter, you are requested to provide a schedule for completion of your evaluation justifying continuation of unlimited purging during power operation."

Pending completion of the NRC staff review of the justification for continued purging in (2) or (3) above, you should commit to either cease purging or limit purging to an absolute minimum, not to exceed 90 hours per year.

In addition the letter also requested the following:

"Whether or not you plan to justify purging, you should review the design of all safety actuation signal circuits which incorporate a manual override feature to ensure that overriding of one safety actuation signal does not also cause the bypass of any other safety actuation signal, that sufficient physical features are provided to facilitate adequate administrative controls, and that the use of each such manual override is annunciated at the system level for every system impacted. Within thirty days of receipt of this letter, you are requested to provide (1) the results of your review of override circuitry and (2) a schedule for the development of any design or procedural changes imposed or planned to assure correction of any non-conforming circuits. Until you have review circuitry to the extent necessary to verify that operation of a bypass will affect no safety functions other than those analyzed and discussed on your docket, do not bypass that signal. Our office of Inspection and Enforcement will verify that you have inaugurated administrative controls to prevent proper manual defeat of safety actuation signals or part of its regular inspection program."

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Meeting Summary for
Turkey Point Units 2 & 3

-3-

On January 5, 1979 FPL responded by saying that (1) an engineering review was in progress but that an option had not yet been selected and (2) the design of the safety actuation signal circuits have been reviewed and the review confirmed that existing physical features adequately facilitate administrative control.

On February 1, 1979 FPL responded further by indicating that option 3, unlimited containment purging during operation, had been chosen however, that letter neither provided the justification to support unlimited purging nor committed to an interim limit as requested in our November 28, 1978 letter. The licensee proposed to delay submittal of the justifying evaluating support of unlimited purging until August 1, 1979.

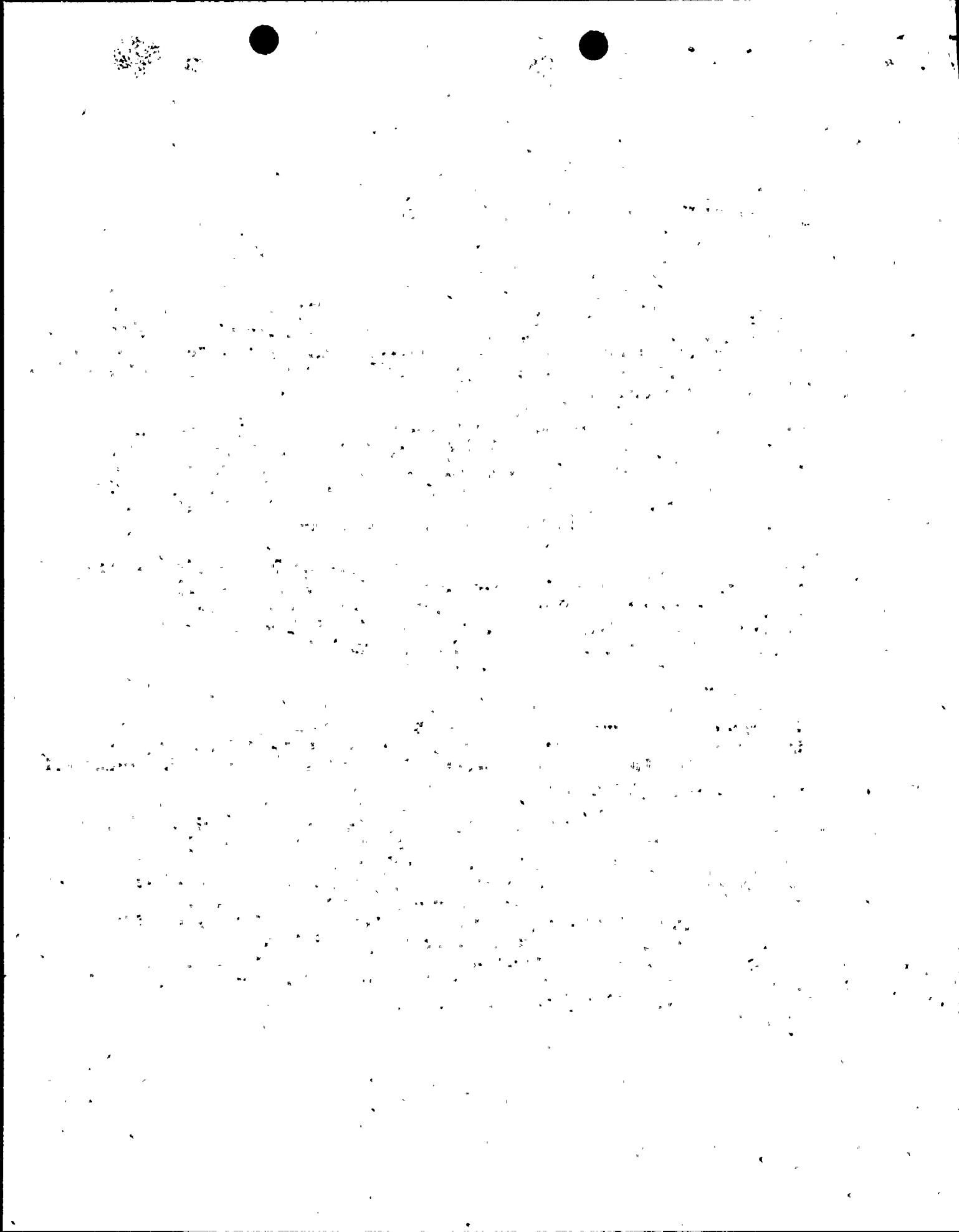
On May 18, 1979 a meeting was requested with FPL to further discuss containment air releases during operation (purging, venting, etc.) An agenda (attachment 1) telecopied to the licensee outlining matters to be discussed. The meeting was convened on May 29, 1979 at 2:00 pm in Bethesda. The attendees are listed in attachment 2.

Meeting Summary

The meeting was opened by M. Grotenhuis, NRC; who stated the purpose of the meeting, namely, to discuss the lack of an FPL commitment to containment purge limitation in general and the details given in the telecopied agenda (attachment 1) in particular.

Staff introductory remarks were given by E. Reeves, L. Nichols, C. Grimes, A. Schwencer and J. T. Beard which, in general covered the material discussed above under "Background." After an FPL general response the meeting was broken into two groups, one to discuss agenda items (1), (2), (3) and (6), the other to address agenda items (5) and (6). Most but not all of the information sought under level (1) through (6) was provided by the time of the staff caucus, however, FPL still had not made the commitment regarding a limitation of purge venting during operation which we had first requested in our November 28, 1978 letter. During the NRC staff caucus the following positions evolved:

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SURNAME					
DATE					



Meeting Summary for
Turkey Point Units 2 & 3

-4-

1. Full FP&L responses to requests contained in the November 28, 1978 letter should be mandated by the NRC, in a manner and direction to be decided in the next week or ten days.
2. FPL should be requested to continue collecting information, in particular costs in both man-rem and dollars, of reduced purging/venting, how purging/venting requirements could be overlapped, etc.
3. FPL should be requested to submit the additional valve data not presented at the meeting.
4. FPL should be requested to supply a breakdown of purging/venting time as a function of reactor operating status.
5. FPL should be requested to give a status report on the continuous purge justification evaluation that had been scheduled for completions as late as August 1, 1979.

Following the caucus FPL was informed of our intent to proceed quickly with the position in item (1) above and was also requested to provide the information in items (2) through (5) above.

Any information in response to the above requests would need to be received in time to affect the staff decision. In addition FPL, when requested to commit to a 90 hour per year accumulated purge/vent time for the interim period, indicated that a response on this matter would be forthcoming with the rest of the information in one week (by June 6, 1979).

M. Grotenhuis, Project Manager
Operating Reactors Branch #1
Division of Operating Reactors

- Attachments:
1. Containment Purge, Vent Valves
 2. List of Attendees

OFFICE >	cc: w/enclosure	DOR:ORB1			
	See next page	MGrotenhuis/jc			
CURNAME >		06/ /79			
FD 65-10659A DATE >					



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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Docket Nos. 50-250
and 50-251

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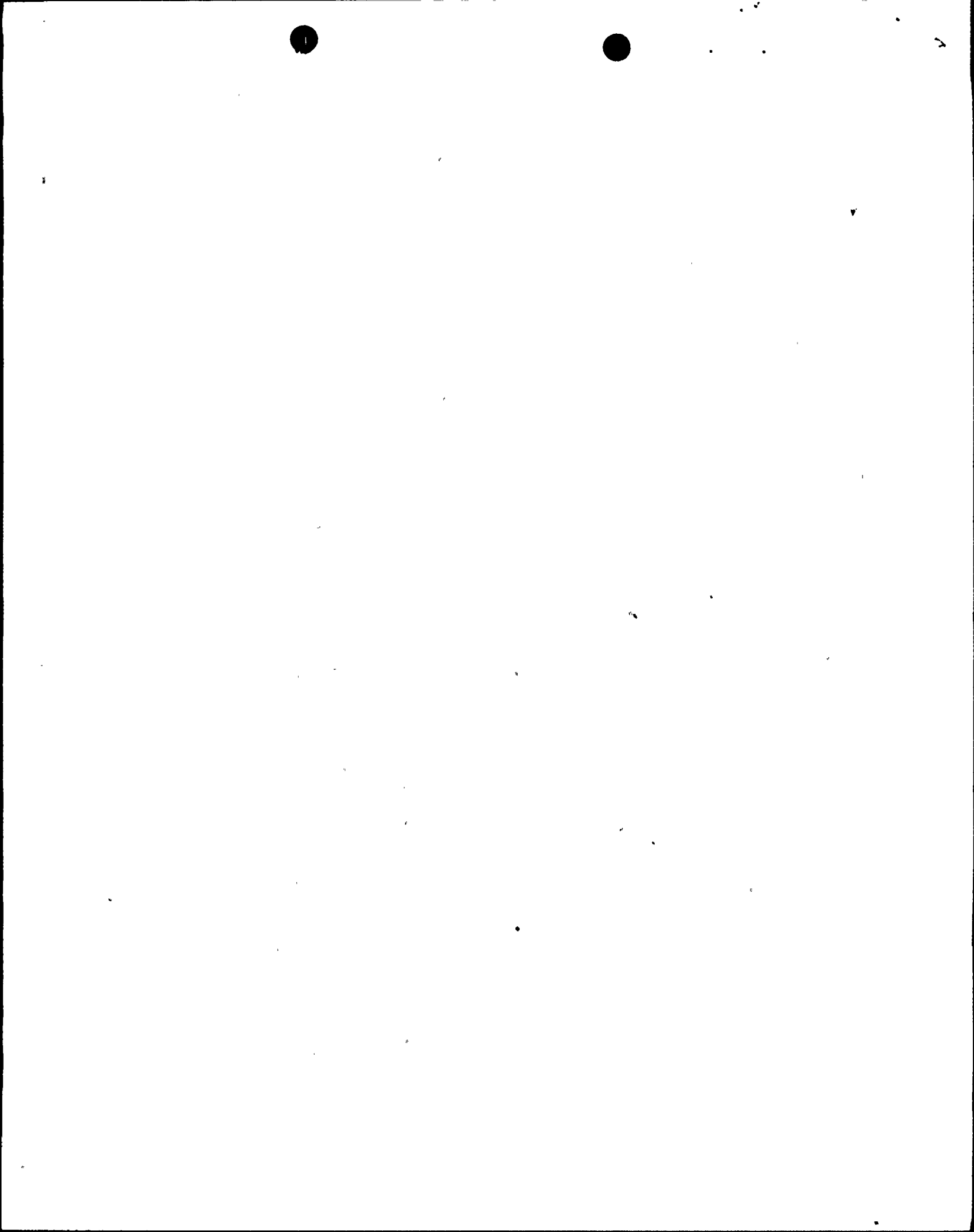
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M. Grotenhuis, Project Manager
Operating Reactors Branch #1
Division of Operating Reactors

Attachments:

1. Containment Purge,
Vent Valves
2. List of Attendees

cc: w/enclosure
See next page



RE: CONTAINMENT PURGE, VENT VALVES, AND ELECTRICAL OVERRIDE CIRCUITRY

The NRC staff requested ³ FPL
to attend a meeting in Bethesda, Maryland on May 29, 1979, 1:00 pm
in Room P110.

The purpose of the meeting is to have the licensee representatives discuss their purge and vent valve designs, ^{OPERATING REQUIREMENTS} and associated electrical override circuitry designs. Licensees should bring to the meeting, as a minimum, the following supporting information:

- (1) Valve and valve actuation information as shown on the attached forms.
- (2) A sketch similar to the attached showing all purge or vent line arrangements.
- (3) Procurement specifications, quality control records, and vendor verification and test records for each different type of purge or vent valve.
- (4) Electrical schematic diagrams for all purge or vent valve control circuitry.
- (5) Electrical schematic diagrams for all Engineered Safeguards Features Actuation Signal circuitry which have override/bypass/reset capability.
- (6) *PURGE AND VENT OPERATING REQUIREMENTS.*

Licensee personnel should include technical or engineering staff including vendor support personnel, if considered necessary. Detailed engineering discussions relating to valve operability and electrical circuitry will be held.

M. GROTEWITZ
~~Emergency Services~~, Project Manager
Operating Reactors Branch #1, DOR

ATTACHMENT 2

LIST OF ATTENDEES

M. Grotenhuis	NRC/ORB1
C. I. Grimes	PSYB/NRC
K. R. Wichman	EB/DOR
G. D. Whittier	FPL
G. E. Liebler	FPL
A. Schwencer*	ORB1/DOR
T. Quay	EEB/DOR
G. Knighton	EEB/DOR
J. Kerrigan	PSB/DOR
P. W. Hughes	FPL
H. N. Paduano	FPL
L. R. Casella	FPL
E. M. McKenna	RSB/DOR
E. G. Adensam	PSB/DOR
R. V. Baldwin	BECHTEL
R. P. Rumble	LLL
J. T. Beard	NRC/PSB
E. A. Reeves*	NRC/DOR
T. Restivo	BNL/Grumman Aero
K. O. Smith	BNL/GAC
L. Nichols	DOR
B. Grimes*	AD/DOR

* Part Time Only.

Meeting Summary for
Turkey Point Units 3 & 4

Docket Files

NRC PDR
Local PDR
ORBI Reading
NRR Reading
H. Denton
E. Case
V. Stello
D. Eisenhut
B. Grimes
R. Vollmer
A. Schwencer
D. Ziemann
P. Check
G. Lainas
D. Davis
B. Grimes
T. Ippolito
R. Reid
V. Noonan
G. Knighton
D. Brinkman
Project Manager
OELD
OI&E (3)
C. Parrish
ACRS (16)
NRC Participants
J. Buchanan
TERA
Licensee

Mr. Henry Yaeger, Plant Manager
Turkey Point Plant
Florida Power and Light Company
P. O. Box 0131
Miami, Florida 33101

Mr. Jack Shreve
Office of the Public Counselor
Room 4, Holland Building
Tallahassee, Florida 32304

Mr. Robert Lowenstein, Esquire
Lowenstein, Newman, Reis and Axelrad
1025 Connecticut Avenue, N.W.
Suite 121-
Washington, D. C. 20035

Environmental and Urban Affairs Library
Florida International University
Miami, Florida 33199

Mr. Norman A. Coll, Esquire
Steel, Hector and Davis
1400 Southeast First National
Bank Building
Miami, Florida 33131