

**NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)**

CONTROL NO: 1095

FILE: _____

FROM: Florida Power & Light Co. Miami, Fla. 33101 Robert E. Uhrig		DATE OF DOC 1-30-75	DATE REC'D 1-31-75	LTR XXX	TWX	RPT	OTHER
TO: Mr. A. Giambusso		ORIG 3 signed	CC 37	OTHER	SENT AEC PDR SENT LOCAL PDR		XX XX
CLASS	UNCLASS XXXX	PROP INFO	INPUT XXXX	NO CYS REC'D 40	DOCKET NO: 50-250(251)		

DESCRIPTION: Ltr notarized 1-30-75 requesting for Amdt to App. A of OL-DPR-31 & DPR-41 & trans the following:

ENCLOSURES: Revised pages 3.10-2, 3.12-1, B3.12-1, 4.7-1, 4.7-2 & B4.7-1 & 4.7-3... for Tech Specs....

(40 cys encl rec'd)

ACKNOWLEDGED
Do Not Remove

PLANT NAME: Turkey Point Units 3 & 4

FOR ACTION/INFORMATION

DHL 2-3-75

BUTLER (L) W/ Copies	SCHWENCER (L) W/ Copies	ZIEMANN (L) W/ Copies	REGAN (E) W/ Copies
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INTERNAL DISTRIBUTION

<u>REG FILE (2)</u> NRC PDR (2) LOGC, ROOM P-506A GOSSICK/STAFF CASE GIAMBUSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE REG OPR FILE & REGION (2) T.R. WILSON STEELE	<u>TECH REVIEW</u> SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLLMER	<u>DENTON</u> GRIMES GAMMILL KASTNER BALLARD SPANGLER <u>ENVIRO</u> MULLER DICKER KNIGHTON YOUNGBLOOD REGAN <u>PROJECT LDR</u> <u>CLEVELAND</u> HARLESS	<u>LIC ASST</u> R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) P. KREUTZER (E) J. LEE (L) M. MAIGRET (L) S. REED (E) M. SERVICE (L) S. SHEPPARD (L) M. SLATER (E) H. SMITH (L) S. TEETS (L) G. WILLIAMS (E) V. WILSON (L) R. INGRAM (L)	<u>A/T IND</u> BRAITMAN SALTZMAN MELTZ <u>PLANS</u> MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON
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EXTERNAL DISTRIBUTION

1 - LOCAL PDR Homestead, Fla.	1 - NATIONAL LABS	1 - PDR-SAN/LA/NY
1 - TIC (ABERNATHY) (1)(2)(10)	1 - W. PENNINGTON, Rm E-201 GT	1 - BROOKHAVEN NAT LAB
1 - NSIC (BUCHANAN)	1 - CONSULTANTS	1 - G. ULRIKSON, ORNL
1 - ASLB	NEWMARK/BLUME/AGBABIAN	1 - AGMED (RUTH GUSSMAN) Rm B-127 GT
1 - Newton Anderson	1 - ACRS HOLDING SENT TO LIC. ASST. R. INGRAM 2-3-75	1 - J. D. RUNKLES, Rm E-201 GT



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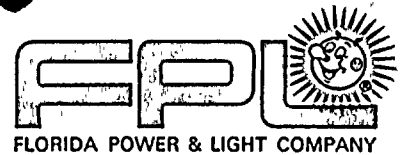
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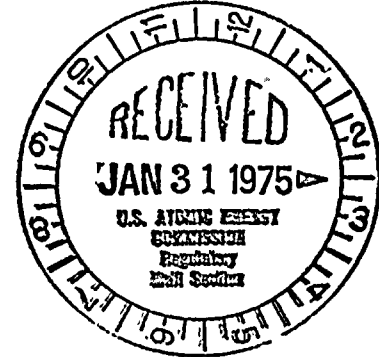
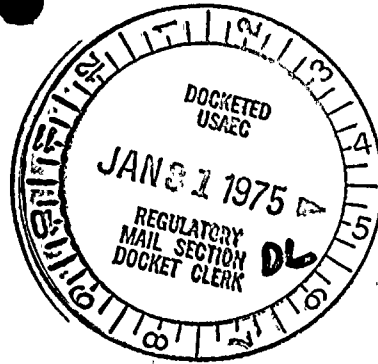
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January 30, 1975
L-75-53

Regulatory Docket File



Mr. Angelo Giambusso, Director
Division of Reactor Licensing
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Giambusso:

Re: Turkey Point Plant Units 3 and 4
Docket Nos. 50-250 and ~~50-251~~
Proposed Amendments to Facility
Operating Licenses DPR-31 and DPR-41

As requested in Mr. Lear's letter of December 10, 1974, and in accordance with 10 CFR 50.30, Florida Power & Light Company submits herewith three (3) signed originals and forty (40) conformed copies of a request to amend Appendix A of the Facility Operating Licenses DPR-31 and DPR-41.

This submittal proposes addition of Limiting Conditions for Operation and Surveillance Requirements with Bases for Emergency Containment Filter, Post Accident Containment Vent, Control Room Ventilation and Spent Fuel Pit Ventilation systems.

The changes are as set forth in the attached revised pages of the Technical Specifications bearing the date of 1/22/75 and are described below.

Page 3.10-2

Subparagraph 10, LCO for Spent Fuel Ventilation has been added.

Pages 3.12-1 and B3.12-1

These are new pages incorporating LCOs for Control Room and Post Accident Ventilating System.

Pages 4.7-1, 4.7-2 and B4.7-1

These pages have been changed to incorporate Surveillance Requirements for the Emergency Containment Filtering System.

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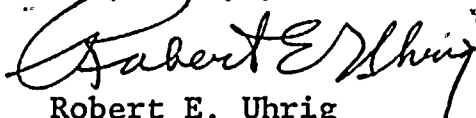
January 30, 1975

Page 4.7-3

This is a new page adding Surveillance Requirements for the Control Room and Spent Fuel Pit Ventilating systems.

We have reviewed the proposed changes and have concluded that they do not involve significant hazard consideration. We have also determined that there is reasonable assurance that the health and safety of the public will not be endangered.

Very truly yours,



Robert E. Uhrig
Vice President

REU:GEL:nch
Attachments

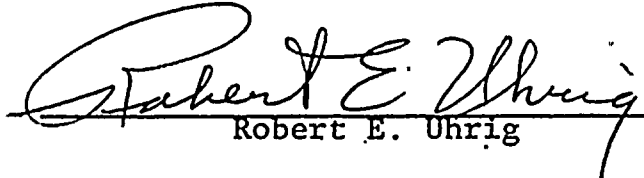
cc: Mr. Norman C. Moseley
Jack R. Newman, Esq.



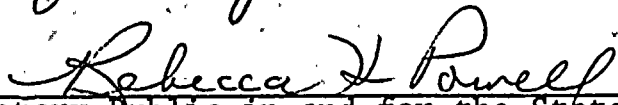
STATE OF FLORIDA)
) SS
COUNTY OF DADE)

ROBERT E. UHRIG, being first duly sworn, deposes and says:
That he is a Vice President of Florida Power & Light Company,
the Licensee herein;

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


Robert E. Uhrig

Subscribed and sworn to before me this 30th day of
January, 1975.


Notary Public in and for the State of
Florida at Large

My Commission expires _____
NOTARY PUBLIC, STATE of FLORIDA at LARGE
MY COMMISSION EXPIRES APRIL 2, 1976
BONDED THRU MAYNARD BONDING AGENCY



5. At least ONE residual heat removal pump shall be in operation, unless Tavg is less than 160F. 1-30-75
6. When the reactor vessel head is removed and fuel is in the vessel, the minimum boron concentration of 1950 ppm shall be maintained in the reactor coolant system and verified daily.
7. Direct communication between the control room and the refueling cavity manipulator crane shall be available during refueling operation.
8. The spent fuel cask shall not be moved over spent fuel, and only one spent fuel assembly will be handled at one time over the reactor or the spent fuel pit.
9. Fuel which has been discharged from a reactor will not be moved outside the containment in fewer than 100 hours after shutdown.
10. The spent fuel pit ventilation system shall be operable.

If any one of the specified limiting conditions for refueling is not met, refueling shall cease until specified limits are met, and there shall be no operations which may increase reactivity.



3.12 AIR TREATMENT SYSTEMS

Applicability: Applies to the operating status of the Control Room Ventilation System and the Post Accident Containment Vent System.

Objective: To define those limiting conditions for operation that are necessary:

- (1) to remove airborne activity from the Control Room during Control Room isolation conditions, and
- (2) to facilitate controlled venting of the Containment to waste gas tanks and to the atmosphere following a loss of coolant accident.

Specification: 1. CONTROL ROOM VENTILATION SYSTEM

- a. The Control Room Ventilation System may be inoperable for a period of up to seven days. If the system cannot be made operable within seven days, both reactors shall be shutdown.

2. POST ACCIDENT CONTAINMENT VENT SYSTEM

- a. The Post Accident Containment Vent System may be inoperable for a period of up to thirty days. If the system cannot be made operable within 30 days, both reactors shall be shutdown.

B3.12 BASES FOR LIMITING CONDITIONS FOR OPERATION, AIR TREATMENT SYSTEMS

The Control Room Ventilation System is designed to partially filter the Control Room atmosphere for recirculation during Control Room isolation conditions. If the system is inoperable, there is no immediate threat to the Control Room and reactor operation may continue for a limited time while repairs are being made. If the system cannot be repaired within seven days, both reactors are shutdown in accordance with 10 CFR 50.36(c).

The Post Accident Containment Vent System is designed to facilitate controlled venting of either containment through HEPA and charcoal filters to waste gas tanks and to the atmosphere following a loss of coolant accident. If the system is inoperable, there is no significant threat caused by continued reactor operation because the system would only be used seven to ten days after an accident. Reactor operation may, therefore, continue for up to thirty days while repairs are being made. If the system cannot be repaired in that time, both reactors are shutdown in accordance with 10 CFR 50.36(c).



4.7 EMERGENCY CONTAINMENT FILTER SYSTEM, POST ACCIDENT CONTAINMENT VENT SYSTEM, CONTROL ROOM VENTILATION SYSTEM, AND SPENT FUEL PIT VENTILATION SYSTEM

Applicability: Applies to the Emergency Containment Filtering System, the Post Accident Containment Vent System, the Control Room Ventilation System, and the Spent Fuel Pit Ventilation System.

Objectives: To verify that these systems and components will be able to perform their design functions.

Specification: 4.7.1 EMERGENCY CONTAINMENT FILTERING SYSTEM

1. OPERATING TESTS

System tests shall be performed at quarterly intervals. The tests shall consist of pressure drop measurements across the combined HEPA filters and charcoal adsorber banks. Less than 6" of water pressure drop at or above design flow per cell shall constitute acceptable performance.

During each refueling shutdown, the Emergency Containment filtering System shall be tested to demonstrate automatic initiation upon receipt of a safety injection signal. During each refueling shutdown, the Emergency Containment Filtering System shall be operated for at least ten hours.

2. PERFORMANCE TESTS

During each refueling shutdown, in-place cold DOP and halogenated hydrocarbon tests at or above design flow per cell on each Emergency Containment Filter shall be performed. 99% DOP removal and 99% halogenated hydrocarbon removal shall constitute acceptable performance.



3. LABORATORY TESTS

During each refueling shutdown, a charcoal surveillance specimen from one of the Emergency Containment Filters shall be analyzed for iodide removal capability. The results of the laboratory carbon sample analysis shall show \geq 85% radioactive methyl iodide removal at a velocity within 20% of design flow, 5 to 15 mg/m³ inlet methyl iodide concentration, \geq 95% relative humidity and \geq 250°F.

4.7.2 POST ACCIDENT CONTAINMENT VENT SYSTEM

1. OPERATING TESTS

Operating Tests shall be performed annually. The test shall consist of visual inspection and operation of all system valves. Visual inspection shall include search for any foreign material and gasket deterioration in HEPA filters.

2. PERFORMANCE TESTS

Performance tests shall be conducted annually. Cold DOP and halogenated hydrocarbon tests shall be conducted at or above design flow on the HEPA filters and the charcoal adsorber banks. 99% DOP removal and 99% halogenated hydrogen removal shall constitute acceptable performance. The hydrogen concentration measuring instrument shall be calibrated with proper consideration to humidity during each refueling period.



4.7.3 CONTROL ROOM VENTILATION SYSTEM

1. OPERATING TESTS

The Control Room Ventilation System shall be operated annually for at least 10 hours.

2. PERFORMANCE TESTS

Performance tests shall be conducted annually. Cold DOP and halogenated hydrocarbon tests shall be conducted at design flow on the filters. 99% DOP removal and 99% halogenated hydrocarbon removal shall constitute acceptable performance.

4.7.4 SPENT FUEL PIT VENTILATION SYSTEM

1. OPERATING TESTS

The Spent Fuel Pit Ventilation System shall be operated annually for at least ten hours. The pressure drop across the HEPA filter shall be measured. Less than six inches of water pressure drop at or above design flow shall constitute acceptable performance.



B4.7

BASES FOR EMERGENCY CONTAINMENT FILTERING SYSTEM, POST
ACCIDENT CONTAINMENT VENT SYSTEM, CONTROL ROOM VENTILATION
SYSTEM, AND SPENT FUEL PIT VENTILATION SYSTEM

System components are not subject to rapid deterioration, having lifetimes of many years, even under continuous flow conditions. Visual inspection and operating tests provide assurance of the system reliability and will insure early detection of conditions which could cause the system to fail to operate properly. The performance tests prove conclusively that filters have been properly installed, that no damage or deterioration has occurred, and that all components and subsystems operate properly. The tests provide assurance that filter performance has not deteriorated below original specification values due to aging, contamination, or other effects.

