

Docket Nos. 50-250
and 50-251

April 26, 1984

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Mr. J. W. Williams, Jr., Vice President
Nuclear Energy Department
Florida Power and Light Company
Post Office Box 14000
Juno Beach, Florida 33408

Dear Mr. Williams:

Our February 22, 1984, the Commission issued Amendment Nos. 101 and 95 to Operating License Nos. DPR-31 and DPR-41 for Turkey Point Plant Units Nos. 3 and 4, respectively. These amendments included two valves in the Emergency Core Cooling System which were added to the list of valves required to have their power removed during operation.

Your staff has brought to our attention administrative errors on pages 3.4-2, 3.4-2a and 3.4-3. The errors are a combination of the current amendment identified above and Amendment Nos. 87 and 81 which were issued on July 30, 1982. The errors in advertantly included typographical errors on page 3.4-2 identified in our letter dated October 22, 1982 which was a correction for Amendment Nos. 87 and 81. The errors on pages 3.4-2a and 3.4-3 are identified in our letter dated July 30, 1982, which issued Amendments Nos. 87 and 81.

Enclosed are the corrected pages 3.4-2, 3.4-2a and 3.4-3. We have varified that the errors do not affect the amendments and their supporting Safety Evaluations and the corrections are consistant with the amendments. Please replace the existing pages 3.4-2, 3.4-2a and 3.4-3 in Appendix A of Facility Operating License Nos. DPR-31 and DPR-41 with the corrected pages.

Please accept our apologies for any inconvienece these errors may have caused.

Sincerely,

ORIGINAL SIGNED BY

Daniel G. McDonald, Jr., Project Manager
Operating Reactors Branch #1
Division of Licensing

Enclosures:
As stated

cc w/enclosures:
See next page

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CParrish

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J. W. Williams, Jr.
Florida Power and Light Company

Turkey Point Plants
Units 3 and 4

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5. TWO residual heat removal pumps shall be operable.
 6. TWO residual heat exchangers shall be operable.
 7. All valves, interlocks and piping associated with the above components and required for post accident operation, shall be operable except valves that are positioned and locked. Valves 862-A and B; 863-A and B; 864-A and B; 865-A, B, and C; and 866-A and B shall have power removed from their motor operators by locking open the circuit breakers at the Motor Control Centers. The air supply to valve 758 shall be shut off to the valve operator.
- b. During power operation, the requirements of 3.4.1a may be modified to allow one of the following components to be inoperable (including associated valves and piping) at any one time except for the cases stated in 3.4.1.b.2. If the system is not restored to meet the requirements of 3.4.1a within the time period specified, the reactor shall be placed in the hot shutdown condition. If the requirements of 3.4.1a are not satisfied within an additional 48 hours, the reactor shall be placed in the cold shutdown condition. Specification 3.0.1 applies to 3.4.1.b.
1. ONE accumulator may be out of service for a period of up to 4 hours.
 2. ONE of FOUR safety injection pumps may be out of service for 30 days. A second safety injection pump may be out of service, provided the pump is restored to operable status within 24 hours. TWO of the FOUR safety injection pumps shall be tested to demonstrate operability before initiating maintenance of the inoperable pumps.
 3. ONE channel of heat tracing on the flow path may be out of service for 24 hours.*
 4. ONE residual heat removal pump may be out of service, provided the pump is restored to operable status within 24 hours. In addition the other residual heat removal pump shall be tested to demonstrate operability prior to initiating maintenance of the inoperable pump.

* See reference (11) on page B.3.4-2

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5. ONE residual heat exchanger may be out of service for a period of 24 hours.
 6. Any valve in the system may be inoperable provided repairs are completed within 24 hours. Prior to initiating maintenance, all valves that provide the duplicate function shall be tested to demonstrate operability.
 7. To permit temporary operation of the valve, e.g., for surveillance of valve operability, for the purpose of valve maintenance, etc., the valves specified in 3.4.1.a.7 may be unlocked and may have supplied air or electric power restored for a period not to exceed 24 hours.
- c. During power operation three Reactor Coolant Loops shall be in operation.
 1. With less than three Reactor Coolant Loops in operation, the reactor must be in hot shutdown within one hour.
 - d. In hot shutdown at least two Reactor Coolant Loops shall be operable and at least one Reactor Coolant Loop shall be in operation.*
 1. With less than two Reactor Coolant Loops operable, restore the required Coolant Loops to operable status within 72 hours or reduce T_{avg} to less than or equal to 350 F within the next 12 hours.
 2. With no Reactor Coolant Loop in operation, suspend all operations involving a reduction in boron concentration of the Reactor Coolant System and immediately initiate corrective action to return the required Coolant Loop to operation.
 - e. With average coolant temperature less than 350 F, at least two Coolant Loops shall be operable or immediate corrective action must be taken to return two Coolant Loops to operable as soon as possible. One of these Coolant Loops shall be in operation.*
 1. With no Coolant Loop in operation, suspend all operations involving a reduction in boron concentration of the Reactor Coolant System and immediately initiate corrective action to return the required Coolant Loop to operation.

* All reactor coolant pumps and residual heat removal pumps may be de-energized for up to 1 hour provided 1) no operations are permitted that would cause dilution of the reactor coolant system boron concentration, and 2) core outlet temperature is maintained as last 10 F below saturation temperature.

- f. In refueling shutdown, at least one residual heat removal Coolant Loop shall be in operation or all operations involving an increase in the reactor decay heat load or a reduction in boron concentration in the Reactor Coolant System must be suspended, and all containment penetrations providing direct access from the containment atmosphere to the outside atmosphere must be closed in four hours. As an exception, the single residual heat removal Coolant Loop may be removed from operation during the performance of core alterations in the vicinity of the reactor pressure vessel hot legs, provided core outlet temperature is maintained below 160 F.
- g. In refueling shutdown, when the water level above the top of the pressure vessel flange is less than 23 feet, two residual heat removal Coolant Loops shall be operable or action to return two residual heat removal Coolant Loops to operable shall be taken as soon as possible.

2. EMERGENCY CONTAINMENT COOLING SYSTEMS

- a. The reactor shall not be made critical, except for low power physics tests unless the following conditions are met:
 - 1. Three emergency containment cooling units are operable.
 - 2. Two containment spray pumps are operable.
 - 3. All valves and piping associated with the above components, and required for post accident operation, are operable.
- b. During power operation, the requirements of 3.4.2a may be modified to allow one of the following components to be inoperable (including associated valves and piping) at any one time. If the system is not restored to meet the requirements of 3.4.2a within the time period specified, the reactor shall be placed in the hot shutdown condition. If the requirements of 3.4.2a are not satisfied within an additional 48 hours, the reactor shall be placed in the cold shutdown condition. Specification 3.0.1 applies to 3.4.2.b.