review, it appears that the three standards of 50.92(c) are satisfied. Therefore, the NRC staff proposes to determine that the amendment request involves no significant hazards consideration.

Local Public Document Room location: Indian River Junior College Library, 3209 Virginia Avenue, Fort Pierce, Florida 34954-9003

Attorney for licensee: Harold F. Reis, Esquire, Newman and Holtzinger, 1615 L Street, NW., Washington, DC 20036

NRC Project Director: David B. Matthews

Florida Power and Light Company, et al., Docket No. 50-389, St. Lucie Plant, Unit No. 2, St. Lucie County, Florida

Date of amendment request: February 27, 1995

Description of amendment request: The proposed amendment will change Table 3.3-3 and 3.3-4 to accommodate an improved coincidence logic and relay replacement for the 4.16 kV Loss of Voltage Relays. Actions required for certain trip units with the number of operable channels one less than the total number of channels will also be changed. In addition, the format used to state the time delay for the 4.16 kV Degraded Voltage trip unit will be revised.

Basis for proposed no significant hazards consideration determination: As required by 10 CFR 50.91(a), the licensee has provided its analysis of the issue of no significant hazards consideration, which is presented below:

(1)Operation of the facility in accordance with the proposed amendment would not involve a significant increase in the probability or consequences of an accident previously evaluated.

The proposed change will result in a better overall posture of the plant under degraded/loss of voltage conditions. The design upgrade for the 4.16 kV Loss of Voltage system is more reliable, has inherently higher accuracy, and is easier to maintain and calibrate in the field. The coincidence logic will eliminate the spurious plant trip potential from the existing design. Restating the maximum time delay for the 4.16 kV Degraded Voltage (coincident with SIAS [safety injection actuation signal]) protective relays in a ''less than'' format will assure that the transfer of power to the on-site sources occurs before the level of voltage becomes injurious to the equipment under accident conditions, and will ensure that stripping of the emergency power busses and loading of the EDG (s) [emergency diesel generators] will occur within the time allowed by original design criteria. The maximum allowed time delay for this function is not being increased, and the time delay assumed in the accident analyses for connecting the emergency bus to the diesel generator will not be exceeded. Therefore, operation of the facility in accordance with the proposed amendment will not involve a significant increase in the probability or consequences of an accident previously evaluated.

(2)Operation of the facility in accordance with the proposed amendment would not create the possibility of a new or different kind of accident from any accident previously evaluated.

The proposed amendment does not change the operation, function or modes of plant operation. The ability of the loss of power and degraded grid voltage protection scheme to properly transfer from the off-site to the on-site power sources is being maintained. The relays in the improved design of the 4.16 kV Loss of Voltage function are of the type presently being used in identical applications at both St. Lucie plant units. No new hazards are created or postulated which may cause an accident different from any accident previously analyzed. The modifications will result in a more sensitive protection scheme allowing continuous operation without unnecessary challenges to the safety systems, and will continue to provide adequate protection to all the safety equipment. Therefore, operation of the facility in accordance with the proposed amendment would not create the possibility of a new or different kind of accident from any accident previously evaluated.

(3)Operation of the facility in accordance with the proposed amendment would not involve a significant reduction in a margin of safety.

The capability of the loss of power and degraded grid voltage protection scheme is enhanced by the changes being proposed and is confirmed by the existing surveillance requirements. The planned modifications to the 4.16 kV Loss of Voltage function will result in a more sensitive undervoltage detection system and reduce the possibility of spurious actuation. The maximum time assumed in the safety analyses for connecting each Emergency Bus to its dedicated Emergency Diesel Generator is not being changed, and assurance that separation from a degraded off-site power source will occur before this time interval is exceeded during accident conditions will be maintained by the proposed amendment. Accordingly, the margin of safety is not affected. Therefore, operation of the facility in accordance with the proposed amendment would not involve a significant reduction in a margin of safety.

Based on the discussion presented above and on the supporting Evaluation of Proposed TS [Technical Specifications] Changes, FPL has concluded that this proposed license amendment involves no significant hazards consideration.

The NRC staff has reviewed the licensee's analysis and, based on this review, it appears that the three standards of 50.92(c) are satisfied. Therefore, the NRC staff proposes to determine that the amendment request involves no significant hazards consideration.

Local Public Document Room location: Indian River Junior College Library, 3209 Virginia Avenue, Fort Pierce, Florida 34954-9003

Attorney for licensee: Harold F. Reis, Esquire, Newman and Holtzinger, 1615 L Street, NW., Washington, DC 20036

NRC Project Director: David B. Matthews

Florida Power and Light Company, et al., Docket No. 50-389, St. Lucie Plant, Unit No. 2, St. Lucie County, Florida

Date of amendment request: February 27, 1995

Description of amendment request: The proposed amendment will modify surveillance requirement (SR) 4.9.8.1 and 4.9.8.2 to allow a reduction in the required minimum shutdown cooling flow rate under certain conditions during operational MODE 6. In addition, the format of the SR will be changed to clarify the intent of the stated surveillances.

Basis for proposed no significant hazards consideration determination: As required by 10 CFR 50.91(a), the licensee has provided its analysis of the issue of no significant hazards consideration, which is presented below:

(1) Operation of the facility in accordance with the proposed amendment would not involve a significant increase in the probability or consequences of an accident previously evaluated.

Operation of the SDCS [shutdown cooling system] is not an accident initiator and, therefore, does not significantly increase the probability of an accident previously evaluated.

The proposed change will allow a plant configuration needed to perform maintenance activities on LPSI [low-pressure safety injection]/SDCS headers by isolating one injection flow line for an operable SDCS train during certain MODE 6 conditions. In the event of a failure or unavailability of the alternate SDCS train, this configuration could result in the proposed minimum flow rate.

The proposed change only modifies the minimum required flow rate, and does not affect the probability of this event. FPL has evaluated the proposed value of reactor coolant flow and has shown that the bases for the existing LCO [limiting condition for operation] will continue to be satisfied. Therefore, there are no significant increases in the consequences of any event from the proposed change. No other system interactions are involved related to previously evaluated accidents, and the proposed change has no adverse effect on any other system performance.

Therefore, operation of the facility in accordance with the proposed amendment will not involve a significant increase in the probability or consequences of an accident previously evaluated.

(2) Operation of the facility in accordance with the proposed amendment would not create the possibility of a new or different kind of accident from any accident previously evaluated.

The proposed change does not affect the normal operation of the plant. No new