



JUN 19 2012

L-2012-259

10 CFR 50.90

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555-0001

Re: Turkey Point Nuclear Power Station Units 3 and 4
Docket Nos. 50-250 and 50-251
Revised Technical Specification Pages Related to LAR 210, DC Sources

References:

- 1) Florida Power & Light Company to U.S. Nuclear Regulatory Commission, "Proposed Change to Turkey Point Technical Specifications Regarding D.C. Sources Surveillance Requirements Revised License Amendment Request (LAR) No. 210," dated August 10, 2011 (NRC Accession No. ML11227A006).

By letter dated August 10, 2011 (Reference 1), Florida Power & Light Company (FPL) requested a License Amendment to Renewed Facility Operating Licenses DPR-31 and DPR-41 for Turkey Point Nuclear Power Station (Turkey Point) Units 3 and 4. The proposed License Amendment would revise the Turkey Point Units 3 and 4 Technical Specification (TS) Surveillance Requirement (SR) 4.8.2.1 pertaining to periodic verification of battery bank capacity and intercell and connection resistance. Discussions related to revised TS pages for the proposed License Amendment request have resulted in a re-arrangement of several items in SR4.8.2.1.b and c from that originally specified in Reference 1. This re-arrangement has been made to provide a more logical layout for the TS. The final revised TS pages are attached.

The re-arrangement of information on the TS pages does not alter the conclusion of the No Significant Hazards Consideration or environmental assessment as provided in Reference 1.

This response does not contain any new commitments and does not revise any existing commitments.

ADD
LRR

If you have any questions, please contact Mr. Robert Tomonto, Licensing Manager, at (305) 426-7327.

I declare under the penalty of perjury that the foregoing is true and correct.

Executed JUNE 19 / 2012.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Michael W. Kiley', with a stylized flourish at the end.

Michael W. Kiley
Vice President, Turkey Point Nuclear Generating Station

Attachment

cc: USNRC Regional Administrator, Region II
USNRC Senior resident Inspector, Turkey Point
USNRC Project Manager

Turkey Point Nuclear Power Station Units 3 and 4
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L-2012-259
Attachment

ATTACHMENT

FINAL REVISED TECHNICAL SPECIFICATION PAGES

D.C. SOURCES

LIMITING CONDITION FOR OPERATION

ACTION: (Continued)

- b. With one of the required battery banks inoperable, or with none of the full-capacity chargers associated with a battery bank OPERABLE, restore all battery banks to OPERABLE status and at least one charger associated with each battery bank to OPERABLE status within two hours* or be in at least HOT STANDBY within the next 12 hours and in COLD SHUTDOWN within the following 30 hours. This ACTION applies to both units simultaneously.

SURVEILLANCE REQUIREMENTS (Continued)

4.8.2.1 Each 125-volt battery bank and its associated full capacity charger(s) shall be demonstrated OPERABLE:

- a. At least once per 7 days by verifying that:
- 1) The parameters in Table 4.8-2 meet the Category A limits, and
 - 2) The total battery terminal voltage is greater than or equal to 129 volts on float charge and the battery charger(s) output voltage is ≥ 129 volts, and
 - 3) If two battery chargers are connected to the battery bank, verify each battery charger is supplying a minimum of 10 amperes, or demonstrate that the battery charger supplying less than 10 amperes will accept and supply the D.C. bus load independent of its associated battery charger.
- b. At least once per 92 days and within 7 days after a battery discharge with battery terminal voltage below 105 volts (108.6 volts for spare battery D-52), or battery overcharge with battery terminal voltage above 143 volts, by verifying that:
- 1) The parameters in Table 4.8-2 meet the Category B limits,
 - 2) The average electrolyte temperature of every sixth cell is above 60°F, and
 - 3) There is no visible corrosion at either terminals or connectors, or verify battery connection resistance is:

Battery 3B, 4A	Connection inter-cell / termination inter-cell (brace locations) transition cables or total battery connections	Limit (Micro-Ohms) ≤ 29 ≤ 30 ≤ 125 ≤ 1958
Battery 3A, 4B, D-52	Connection inter-cell / termination inter-cell (brace locations) transition cables or total battery connections	Limit (Micro-Ohms) ≤ 35 ≤ 40 ≤ 125 ≤ 2463

- c. At least once per 18 months by verifying that:
- 1) The cells, cell plates, and battery racks show no visual indication of physical damage or abnormal deterioration,

D.C. SOURCES

SURVEILLANCE REQUIREMENTS (Continued)

- 2) The cell-to-cell and terminal connections are clean, tight, and coated with anticorrosion material,
- 3) Each 400 amp battery charger (associated with Battery Banks 3A and 4B) will supply at least 400 amperes at ≥ 129 volts for at least 8 hours, and each 300 amp battery charger (associated with Battery Banks 3B and 4A) will supply at least 300 amperes at ≥ 129 volts for at least 8 hours, and
- 4) Battery Connection resistance is:

Battery 3B, 4A	Connection inter-cell / termination inter-cell (brace locations) transition cables or total battery connections	Limit (Micro-Ohms) ≤ 29 ≤ 30 ≤ 125 ≤ 1958
Battery 3A, 4B, D-52	Connection inter-cell / termination inter-cell (brace locations) transition cables or total battery connections	Limit (Micro-Ohms) ≤ 35 ≤ 40 ≤ 125 ≤ 2463

- d. At least once per 18 months, during shutdown**, by verifying that the battery capacity is adequate to supply and maintain in OPERABLE status all of the actual or simulated emergency loads for the design duty cycle when the battery is subjected to a battery service test.
- e. At least once per 12 months, during shutdown**, by giving performance discharge tests of battery capacity to any battery that shows signs of degradation or has reached 85% [75% for Batteries 4B and D52 (Spare) when used in place of Battery 4B] of service life expected for the application. Degradation is indicated when the battery capacity drops more than 10% [7% for Batteries 4B and D52 (Spare) when used in place of Battery 4B] of rated capacity from its average on previous performance tests, or is below 90% [93% for Batteries 4B and D52 (Spare) when used in place of Battery 4B] of the manufacturer's rating.
- f. At least once per 60 months, during shutdown**, by verifying that the battery capacity is at least 80% [87% for Batteries 4B and D52 (Spare) when used in place of Battery 4B] of the manufacturer's rating when subjected to a performance discharge test. Once per 60-month interval this performance discharge test may be performed in lieu of the battery service test required by Specification 4.8.2.1.d.

** Except that the spare battery bank D-52, and any other battery out of service when spare battery bank D-52 is in service may be tested with simulated loads during operation.