UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

November 9, 2007

CAL No. 02-07-001

Southern Nuclear Operating Company, Inc.
ATTN: Mr. J. Randy Johnson
Vice President - Farley
Joseph M. Farley Nuclear Plant
7388 North State Highway 95
Columbia, AL 36319

SUBJECT: CONFIRMATORY ACTION LETTER FOR JOSEPH M. FARLEY NUCLEAR PLANT, UNITS 1 AND 2

Dear Mr. Johnson:

This letter refers to the 4160 volt Cutler Hammer (C-H) breaker failures that have occurred at the Farley Nuclear Plant (FNP) since September 2007 and confirms the actions that Southern Nuclear Company (SNC) has taken and plans to take to address these issues.

Your letter dated October 29, 2007, stated that SNC has developed an 11-point breaker inspection process for the safety related 4160 volt C-H breakers to further ensure operability of the subject components. You also stated that SNC established a breaker oversight team to review the inspection results. In addition, you indicated a root cause evaluation will be performed to determine if any additional actions were needed to assure breaker performance. You indicated the root cause evaluation will be completed by December 1, 2007.

On November 5, 2007, you supplemented your October 29, 2007, letter. In this letter, you advised that additional verifications were performed to ensure all inspections had been accomplished on Unit 2. We understand that, based on additional inspections of two breakers on November 3, 2007, all inspections are complete for Unit 2 breakers in accordance with your October 29, 2007 letter. Confirmation is still pending for the completion of all breaker inspections planned for Unit 1 following the Refueling Outage U1R21.

In light of your Commitments in your letters dated October 29 and November 5, 2007, a discussion between you and Charles Casto, Director, Division of Reactor Projects (DRP) Region II (RII) on October 25, 2007, and a subsequent discussion between you and Scott Shaeffer, Chief, Branch 2, DRP, RII on November 1, 2007, it is our understanding that you have taken (or will take) the following actions:

1. FNP Unit 1 – SNC will inspect 4160 volt C-H breakers that are required to support reload of fuel into the reactor (7 Breakers total), prior to reloading fuel (Mode 6) during Refueling Outage U1R21 in the fall of 2007.

2. FNP Unit 1 – SNC will inspect 4160 volt C-H breakers required to support second train of Residual Heat Removal (5 Breakers Total), prior to draining the reactor cavity with fuel in the core during Refueling Outage U1R21 in the fall of 2007.

3. FNP Unit 1 – SNC will inspect 4160 volt C-H breakers that must be able to close on a Safety Injection signal, reopen on a subsequent Loss of Site Power and then re-close one additional time to accommodate accident recovery action (12 Remaining Breakers). This will be accomplished prior to entering Mode 4 following Refueling Outage U1R21 in the fall of 2007.

4. FNP Unit 2 – Breaker DF-13 was inspected by November 3, 2007, as detailed in your letter dated November 5, 2007.

5. FNP Unit 2 – SNC has completed the established 11-point breaker inspection process for 13 critical 4160 Volt C-H breakers designated in Enclosure 2, Section 3 of your letter dated October 29, 2007.

6. SNC will complete the root cause review and determine any additional required actions by December 1, 2007.

7. SNC will review their corrective action and work order systems to confirm the established 11-point breaker inspection process encompasses all critical and necessary inspection attributes based on available information. This one time review will be completed by December 1, 2007.

This Confirmatory Action letter will remain open until the NRC has concluded that SNC's actions are complete and that you have demonstrated that your corrective actions were effective.

Pursuant to Section 182 of the Atomic Energy Act, 42 U.S.C. 2232, you are required to:

1. Notify me immediately if your understanding differs from that set forth above;

2. Notify me if for any reason you cannot complete the actions within the specified schedule and advise me in writing of your modified schedule in advance of the change;

3. Notify me in writing if you intend to change, deviate from, or not complete any of the actions documented above and advise of the bases for any changes or deviations prior to implementation of the change or deviation; and

4. Notify me in writing when you have completed the actions addressed in this Confirmatory Action Letter.

Issuance of this Confirmatory Action Letter does not preclude issuance of an order formalizing the above commitments or requiring other actions on the part of the licensee; nor does it preclude the NRC from taking enforcement action for violations of NRC requirements that may have prompted the issuance of this letter. In addition, failure to take the actions addressed in this Confirmatory Action Letter may result in enforcement action.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure(s), and your response will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS), accessible from the NRC website at http://www.nrc.gov/reading-rm/adams.html. To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made available to the Public without redaction. If personal privacy or proprietary information is necessary to provide an acceptable response, then please provide a bracketed

copy of your response that identifies the information that should be protected and a redacted copy of your response that deletes such information. If you request withholding of such material, you must specifically identify the portions of your response that you seek to have withheld and provide, in detail, the bases for your claim of withholding (e.g., explain why the disclosure of information will create an unwarranted invasion of personal privacy or provide the information required by 10 CFR 2.390(b) to support a request for withholding confidential commercial or financial information). If safeguards information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21.

Should you have any questions concerning this letter, please contact Charles Casto at (404) 562-4500.

Sincerely,

/RA/

William D. Travers
Regional Administrator

Docket No.: 50-348, 50-364
License No.: NPF-2, NPF-8

cc: (See page 4)

copy of your response that identifies the information that should be protected and a redacted copy of your response that deletes such information. If you request withholding of such material, you must specifically identify the portions of your response that you seek to have withheld and provide, in detail, the bases for your claim of withholding (e.g., explain why the disclosure of information will create an unwarranted invasion of personal privacy or provide the information required by 10 CFR 2.390(b) to support a request for withholding confidential commercial or financial information). If safeguards information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21.

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DATE	11/08/2007		11/08/2007	11/08/2007			
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

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Letter to J. Randy Johnson from William D. Travers dated November 9, 2007

SUBJECT: CONFIRMATORY ACTION LETTER FOR JOSEPH M. FARLEY NUCLEAR PLANT, UNITS 1 AND 2

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