



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

June 23, 2011

Mr. Dennis R. Madison
Vice President
Southern Nuclear Operating Company, Inc.
Edwin I. Hatch Nuclear Plant
11028 Hatch Parkway North
Baxley, GA 31513

SUBJECT: EDWIN I. HATCH NUCLEAR PLANT RESPONSE TO CDBI-BACKFIT APPEAL

Dear Mr. Madison:

Thank you for your response dated June 17, 2011, to our inspection report 05000321 and 05000366/2011009 dated May 25, 2011, regarding the NRC's imposition of a backfit involving degraded voltage protection system setpoints and analytical limits for the 4160 V buses at the Hatch Nuclear Plant (HNP). This acknowledges receipt of your letter in which you appealed the NRC decision to use the compliance exception provision allowed by 10 CFR 50.109(a)(4)(i). You stated that the NRC should have pursued a cost-justified substantial safety enhancement backfit and the required analysis in accordance with 10 CFR 50.109(a)(3) with regard to the degraded voltage protection system setpoints at HNP. We will review the information, including the points of disagreement you provided, when assessing the appeal.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Should you have any questions concerning this letter, please contact me, at (404) 997-4600.

Sincerely,

/RA/

Joel T. Munday, Director
Division of Reactor Safety
Division of Reactor Projects

Docket Nos.: 50-321, 50-366
License No.: DPR-57, NPF-5

cc: (See page 2)

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cc: (See page 2)

(*) – see previous page

☒ PUBLICLY AVAILABLE ☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE ☒ NON-SENSITIVE

ADAMS: ☒ Yes ACCESSION NUMBER: ML111741416

☒ SUNSI REVIEW COMPLETE ☐ FORM 665 ATTACHED

OFFICE	RII:DRS	RII:DRS	RII:DRS			
SIGNATURE	*RA	RA	RA			
NAME	DESAI	CHRISTENSEN	MUNDAY			
DATE	6/21/2011	6/ 23 /2011	6/ 23 /2011			
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: S:\DRS\ENG BRANCH 1\BRANCH INSPECTION FILES\2011-2012-2013 CYCLE EB1 INSPECTION FOLDERS FOR ALL SITES\HATCH\BACKFIT APPEAL RESPONSE.DOCX

cc w/encl:

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Letter to Dennis R. Madison from Joel T. Munday dated June 23, 2011

SUBJECT: EDWIN I. HATCH NUCLEAR PLANT RESPONSE TO CDBI-BACKFIT APPEAL

Distribution w/encl:

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