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

July 18, 2008

MEMORANDUM TO: Joseph B. Brady
Senior Resident Inspector, McGuire

FROM: Leonard D. Wert, Jr., Director ***/RA/***
Division of Reactor Projects

SUBJECT: SPECIAL INSPECTION CHARTER

You have been selected to lead a Special Inspection to assess the circumstances surrounding an emergency diesel generator coupling failure at Hatch Unit 1 on July 12, 2008. Your onsite inspection should begin on July 22, 2008. Phil Niebaum and Randy Moore of Region II and Samantha Crane (NRC HQ materials personnel) will be assisting you in this inspection.

A. Basis

On July 17, 2008, the licensee was conducting a 24-hour surveillance run on the 1B EDG. During this surveillance, the licensee observed high vibration on the EDG. The licensee stopped the EDG and subsequently determined that the coupling between the engine and the generator had failed. This coupling was the original equipment when the EDG was installed in 1971. There was no prior indication that a coupling failure was imminent.

In accordance with Management Directive 8.3, "NRC Incident Investigation Program," deterministic and conditional risk criteria were used to evaluate the level of NRC response for this operational event. Based on the deterministic criteria that potential generic issues exist and that the CCDP for the event met criterion for a Special Inspection, Region II determined that the appropriate level of NRC response was the conduct of a Special Inspection.

This Special Inspection is chartered to identify the circumstances surrounding this event and review the licensee's actions following discovery of the conditions and evaluate the operability of the other EDGs.

CONTACT: Scott M. Shaeffer, DRP/BR2
(404) 562-4521

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X PUBLICLY AVAILABLE ☐ NON-PUBLICLY AVAILABLE ☐ SENSITIVE X NON-SENSITIVE

ADAMS: X Yes ACCESSION NUMBER:_____ X SUNSI REVIEW COMPLETE ***SMS***

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	SMS /RA/	LDW /RA for/					
NAME	SShaeffer	JMoorman					
DATE	07/18/2008	07/18/2008					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: I:\RPB2\HATCH\SPECIAL INSPECTIONS\EDG COUPLING FAILURE\EDG COUPLING FAILURE CHARTER.DOC

B. Scope

The inspection is expected to perform data gathering and fact-finding in order to address the following:

1. Assess the available common cause analysis for the 1B EDG coupling and operability evaluation for the remaining EDGs.

2. Develop a sequence of events, including applicable management decision points from the time of the coupling failure.

3. Assess any reviews, preventative maintenance, or evaluations developed to support continued operation of the coupling prior to failure.

4. Review licensee documents to assess if the licensee knew or should have known that a coupling failure was about to occur. Specifically, assess the following areas:

   - Operational decision making
   - Operational experience (internal and external)
   - Vendor information on expected service life, recommended preventative maintenance, and if any bulletins or addendums were issued
   - Impact on Maintenance Rule implementation

5. Review and assess the previous 12 months of surveillance test data for all EDGs.

6. Collect data necessary to support completion of the significance determination process, if applicable.

7. Identify any potential for generic safety implications.

C. Guidance

Inspection Procedure 93812, "Special Inspection," provides additional guidance to be used during the conduct of the Special Inspection. Your duties will be as described in Inspection Procedure 93812. The inspection should emphasize fact-finding in its review of the circumstances surrounding the event. Safety or security concerns identified that are not directly related to the event should be reported to the Region II office for appropriate action.

You will report to the site, conduct an entrance, and begin inspection no later than July 22, 2008. It is anticipated that the on-site portion of the inspection will be completed during this week. A status briefing of Region II management will be provided the second day on-site at approximately 4:00 p.m. A report documenting the results of the inspection should be issued within 45 days of the completion of the inspection.

This Charter may be modified should you develop significant new information that warrants review. Should you have any questions concerning this Charter, contact Scott Shaeffer at (404) 562-4521.

Docket Nos.: 50-321, 50-366
License Nos.: DPR-57, NPF-5

cc: OEDO
DOEDO
M. Ross-Lee, NRR
R. Martin, NRR
J. Moorman, RII
L. Wert, RII
V. McCree, RII
S. Shaeffer, RII