



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

May 23, 2006

MEMORANDUM TO: James H. Moorman, Chief
Operations Branch
Division of Reactor Safety

FROM: William D. Travers, Regional Administrator */RA/*

SUBJECT: AUGMENTED INSPECTION TEAM CHARTER

An Augmented Inspection Team (AIT) has been established for Catawba Nuclear Station to inspect and assess the facts surrounding a loss of offsite power (LOSP) and subsequent dual unit reactor trip at Catawba on or around May 20, 2006. The team composition is as follows:

Team Leader: J. Moorman, RII

Team Members: N. Merriweather, RII
M. Cain, RII
R. Lewis, RII
A. Sabisch, RII

The objectives of the inspection are to: (1) review the facts surrounding the LOSP on May 20, 2006, and related plant complications; (2) assess the licensee's response and investigation of the event; (3) identify any generic issues associated with the event; and (4) conduct an independent extent of condition review.

For the period during which you are leading this inspection and documenting the results, you will report directly to me. The guidance in Inspection Procedure 93800, "Augmented Inspection Team," and Management Directive 8.3, "NRC Incident Investigation Program," applies to your inspection.

If you have any questions regarding the objectives of the enclosed charter, contact Charles A. Casto at (404) 562-4500.

Enclosure: AIT Charter

Docket Nos.: 50-413 and 50-414
License Nos.: NPF-35 and NPF-52

Contact: D. Charles Payne, RPB1/DRP
(404) 562-4540

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☐ PUBLICLY AVAILABLE

☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

☐ NON-SENSITIVE

ADAMS: ☐ Yes ACCESSION NUMBER: _____

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	DCP	CAC1					
NAME	CPayne	CCasto					
DATE	05/23/2006	05/23/2006	5/ /2006	5/ /2006	5/ /2006	5/ /2006	5/ /2006
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

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Contact: D. Charles Payne, RPB1/DRP
(404) 562-4540

Memo to James H. Moorman from William D. Travers dated May 23, 2006.

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AUGMENTED INSPECTION TEAM (AIT) CHARTER CATAWBA LOSS OF OFFSITE POWER AND DUAL UNIT REACTOR TRIP

Basis for the Formation of the AIT - On May 20, 2006, an electrical fault occurred apparently causing several power circuit breakers (PCB) to open in the Catawba switchyard. This fault apparently caused several other PCBs to open resulting in a loss of offsite power (LOSP) and trip of both Catawba reactors. 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. The review concluded that the circumstances of the event met the MD 8.3 deterministic criteria due to an apparent single electrical failure causing a loss of offsite power to both operating units and reactor trips. The risk review indicated the CCDP for the event met the criterion for an Augmented Inspection. Subsequently, Region II determined that the appropriate level of NRC response was the conduct of an Augmented Inspection.

This Augmented Inspection is chartered to identify the circumstances surrounding this event and review the licensee's actions following discovery of the conditions.

Objectives of the AIT - The objectives of the inspection are to: (1) review the facts surrounding the LOSP on May 20, 2006, and related plant complications; (2) assess the licensee's response and investigation of the event; (3) identify any generic issues associated with the event; and (4) conduct an independent extent of condition review.

To accomplish these objectives, the following will be performed:

- a. Develop a complete sequence of events, including applicable management decision points, from the time the LOSP occurred until both units were stabilized.
- b. Identify and evaluate the effectiveness of the immediate actions taken by the licensee in response to this event including the accuracy and timeliness of the licensee's classification of the event.
- c. Identify additional actions planned by the licensee in response to this event, including the time line for their completion of the investigation and follow-on analysis.
- d. Assess the circumstances surrounding the multiple lifting and reseal of the Unit 1 and Unit 2 primary power operated relief valves.
- e. Determine if there are any generic issues related to this event which warrant an additional NRC response. Promptly communicate any potential generic issues to regional management.
- f. Document the inspection findings and conclusions in an inspection report within 30 days of the inspection.

Enclosure