



Department of Homeland Security
Region IV
3003 Chamblée-Tucker Road
Atlanta, Georgia 30341

FEMA

June 9, 2010

Luis A. Reyes
Regional Administrator - RII
Nuclear Regulatory Commission
61 Forsyth Street, SW, Suite 23T85
Atlanta, Georgia 30303

Dear Mr. Reyes:

Enclosed is a copy of the final exercise report for the March 9, 2010, plume exposure pathway exercise of the offsite radiological emergency response plans site-specific to the Catawba Nuclear Station. This report addresses the evaluation of the plans and preparedness for the States of South and North Carolina and the affected local governments. The Federal Emergency Management Agency (FEMA) Region IV staff prepared the final exercise report. Copies of this report will be forwarded by my staff to the States of South Carolina and North Carolina, FEMA Headquarters and NRC Headquarters.

The 10-mile Emergency Planning Zone (EPZ) includes portions of York County, South Carolina and Gaston and Mecklenburg Counties, North Carolina. Cherokee, Chester, Lancaster and Union Counties in South Carolina and Cleveland and Union Counties in North Carolina provide support to the EPZ counties. State, local and volunteer organizations demonstrated the ability to implement their emergency response plans and procedures.

During this exercise FEMA did not identify any Deficiencies or new Areas Requiring Corrective Action (ARCAs). The correction of an ARCA concerning the application of a correction factor for direct reading dosimeters (Brunswick 2008) was successfully demonstrated. An ARCA identified during the 2008 Catawba exercise that concerned the inaccurate content of an Emergency Alert System Message issued by the State of North Carolina was not successfully re-demonstrated during this exercise. FEMA will continue to monitor and assist the State of North Carolina in resolving this ARCA.

Based on the results of the exercise and FEMA's review of South Carolina and North Carolina's Annual Letters of Certification for 2009, the offsite radiological emergency response plans and preparedness for the States of South Carolina and North Carolina and the affected local jurisdictions site-specific to the Catawba Nuclear Station can be implemented and are adequate to provide reasonable assurance that appropriate measures can be taken offsite to protect the health and safety of the public in the event of a radiological emergency at the site. The Title 44 CFR, Part 350, approval of

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the offsite radiological emergency response plans and preparedness for the States of South Carolina and North Carolina site-specific to Catawba Nuclear Station granted for both States on October 8, 1985, will remain in effect.

Should you have any questions, please contact Conrad Burnside at 770/220-5486.

Sincerely,

A handwritten signature in cursive script, appearing to read "P. May".

Major P. May
Regional Administrator

Enclosure

cc: Ms. Vanessa E. Quinn, Branch Chief
Federal Emergency Management Agency Headquarters
Radiological Emergency Preparedness
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✓ NRC Headquarters Document Control Desk
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