



Federal Emergency Management Agency

Washington, D.C. 20472

cys: Murley
Stello
Taylor
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Jordan

AUG - 4 1987

Mr. Victor Stello, Jr.
Executive Director for Operations
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Stello:

The Federal Emergency Management Agency (FEMA) has completed an analysis of the prompt alert and notification system for the Brunswick Steam Electric Plant located in Southport, North Carolina. This review has been completed pursuant to FEMA Rule 44 CFR 350; selected evaluative criteria and Appendix 3 in NUREG-0654/FEMA-REP-1, Revision 1; and FEMA-43, the "Standard Guide for the Evaluation of Alert and Notification Systems for Nuclear Power Plants" (now published as FEMA-REP-10). The enclosed report, entitled "Brunswick Steam Electric Plant Site-Specific Offsite Radiological Emergency Preparedness Alert and Notification System Quality Assurance Verification" summarizes the engineering design review; incorporates the results of the telephone survey of the public conducted immediately following full activation of the alert and notification system on September 18, 1985; and confirms the adequacy of the applicable evaluative criteria from NUREG-0654/FEMA-REP-1, Revision 1, and FEMA-43.

Based on the engineering design review and the results of the public telephone survey, FEMA has determined that the alert and notification system installed around the Brunswick Steam Electric Plant, satisfies the requirements of NUREG-0654/FEMA-REP-1, Revision 1, and FEMA-43. Therefore, there is now reasonable assurance that the system is adequate to promptly alert and notify the public in the event of a radiological emergency at the site. The caveat on the alert and notification system contained in the 44 CFR 350 approval dated March 17, 1982, is now removed. The Honorable James G. Martin, Governor of North Carolina, has been advised of this approval.

Notwithstanding this approval, FEMA recommends that the State of North Carolina, Brunswick and New Hanover Counties, and the Carolina Power and Light Company, consider increasing the frequency of the full-cycle tests of the Brunswick alert and notification system to once a month. FEMA believes that additional full-cycle tests, at a monthly frequency, would provide an added degree of assurance of the continued readiness and operability of the Brunswick alert and notification system.

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Sincerely,

Dave McLoughlin
Deputy Associate Director
State and Local Programs
and Support

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Enclosure