



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

**REGION I**  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PA 19406-1415

March 22, 2010

Mr. Paul Freeman  
Vice President, North Region  
Seabrook Nuclear Power Plant  
NextEra Energy Seabrook, LLC  
c/o Mr. Michael O'Keefe  
P.O. Box 300  
Seabrook, NH 03874

**SUBJECT: SEABROOK STATION**  
NRC EMERGENCY PREPAREDNESS ANNUAL INSPECTION REPORT  
NO. 05000443/2009501; NRC SECURITY ANNUAL INSPECTION REPORT NO.  
05000443/2009401

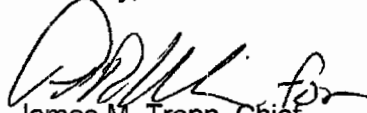
Dear Mr. Freeman:

On December 31, 2009, the NRC staff completed its annual inspection of the Emergency Preparedness Program at Seabrook Station. This inspection began on January 1, 2009. Issuance of this letter closes Inspection Report 05000443/2009501. Inspection activities charged to this report include conducting mid-cycle/end of cycle assessment activities, responding to technical questions from resident inspectors or licensee personnel, and, in some cases, performing traditional enforcement activities. Any observations and findings in this area were provided to you via separate correspondence.

On December 31, 2009, the NRC staff also completed its annual inspection of the Security Program at Seabrook Station. This inspection began on January 1, 2009. Issuance of this letter closes Inspection Report 05000443/2009401. Inspection activities charged to this report include conducting mid-cycle/end of cycle assessment activities, following up on Suspicious Incident Database (SID) reports, responding to technical questions from resident inspectors or licensee personnel, and, in some cases, performing traditional enforcement activities. Any observations and findings in this area were provided to you via separate correspondence.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, and your response, if any, will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

  
James M. Trapp, Chief  
Plant Support Branch 1  
Division of Reactor Safety

Docket No: 50-443  
License No: NPF-86

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Vice President, North Region  
Seabrook Nuclear Power Plant  
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Sincerely,  
*/RA by Peter R. Wilson for/*

James M. Trapp, Chief  
Plant Support Branch 1  
Division of Reactor Safety

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SUNSI Review Complete: DCJ (Reviewer's Initials)

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\* See Previous Concurrence Page

P. Freeman

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cc:

J. Tucker, Manager, Seabrook Safety/Security

J. Giarrusso, Nuclear Preparedness Manager, SLO, Massachusetts

C. Pope, Director, State of NH Homeland Security

S. Colman, RAC Chair, FEMA Region I

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