



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

January 14, 2011

Mr. Michael J. Pacilio
Senior Vice President, Exelon Generation Company, LLC
President and Chief Nuclear Officer (CNO), Exelon Nuclear
4300 Winfield Road
Warrenville IL 60555

SUBJECT: BRAIDWOOD STATION, UNITS 1 AND 2
NRC EMERGENCY PREPAREDNESS ANNUAL INSPECTION REPORT
NO. 05000456/2010501; 05000457/2010501

Dear Mr. Pacilio:

On December 31, 2010, the NRC staff completed its annual inspection of the Emergency Preparedness Program at the Braidwood Station. This inspection began on January 1, 2010. Issuance of this letter closes Inspection Report Number 2010501. Some of the time NRC expended during routine Emergency Preparedness Program reviews was charged to these report numbers. Any observations and findings in these areas 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,

/RA/

Hironori Peterson, Chief
Operations Branch
Division of Reactor Safety

Docket Nos. 50-456; 50-457
License Nos. NPF-72; NPF-77

cc: Distribution via ListServ

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Letter to Michael J. Pacilio from Hironori Peterson dated January 14, 2011.

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