



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

February 1, 2007

Mr. Christopher M. Crane
President and Chief Nuclear Officer
AmerGen Energy Company, LLC
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: BRAIDWOOD STATION, UNIT NOS. 1 AND 2 - ADMINISTRATIVE CHANGE TO FACILITY OPERATING LICENSE IN CONJUNCTION WITH THE COMMISSION ORDER EA-06-037 REVISIONS TO PHYSICAL SECURITY PLAN, TRAINING AND QUALIFICATION PLAN, AND SAFEGUARDS CONTINGENCY PLAN (TAC NOS. MD2196 AND MD2197)

Dear Mr. Crane:

By letter to the Nuclear Regulatory Commission (NRC) dated May 17, 2006, Exelon Generation Company, LLC (Exelon), submitted its revised plans and confirmed the full implementation at Braidwood Station, Unit Nos. 1 and 2 (Braidwood) of Order EA-06-037 regarding an updated adversary characteristic of the design basis threat (DBT).

The NRC staff has completed its review of the changes related to implementation of Order EA-06-037. As discussed in the enclosed safeguards evaluation (Enclosure 2), the NRC staff has determined that the licensee's changes to the security plans meet the requirements of the NRC Order and Title 10 of the *Code of Federal Regulations* (10 CFR) Part 73 requirements and are, therefore, acceptable. The effectiveness of these security provisions will continue to be the subject of NRC review and inspection.

Consistent with the Order an administrative license change to Facility Operating License Nos. NPF-72 and NPF-77 is being made to incorporate the reference to the revised Physical Security Plan, Safeguards Contingency Plan, and Training and Qualification Plan. This change complies with the standards and requirements of the Atomic Energy Act of 1954, as amended, and the Commission's rules and regulations set forth in 10 CFR Chapter I. Please replace Page 5 of Facility Operating License NPF-72 and Page 6 of Facility Operating License NPF-77 (Enclosure 1).

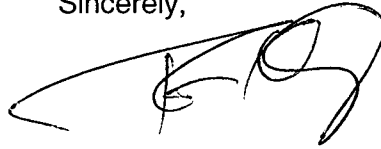
NOTICE: Enclosure 2 contains Security-Related Information. Upon separation from Enclosure 2, this letter and Enclosure 1 are DECONTROLLED.

C. Crane

- 2 -

If you should have any questions, please contact me at (301) 415-3733.

Sincerely,



Robert F. Kuntz, Project Manager
Plant Licensing Branch III-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. STN 50-456 and STN 50-457

Enclosures:

1. Revised Page 5 of License NPF-72 and
Revised Page 6 of License NPF-77
2. Safeguards Evaluation

cc w/encls 1 and 2: Gregory Baker, Site Security Manager
Richard Skokowski, RIII

cc w/encl 1 only: See next page

C. Crane

- 2 -

If you should have any questions, please contact me at (301) 415-3733.

Sincerely,

Robert F. Kuntz, Project Manager
Plant Licensing Branch III-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. STN 50-456 and STN 50-457

Enclosures:

- 1. Revised Page 5 of License NPF-72 and Revised Page 6 of License NPF-77
- 2. Safeguards Evaluation

cc w/encls 1 and 2: Gregory Baker, Site Security Manager
Richard Skokowski, RIII

cc w/encl 1 only: See next page

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DATE	1/29/07	1/29/07	1/19/07	1/24/07/	1/27/07	2/1/07

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- F. Exelon Generation Company shall fully implement and maintain in effect all provisions of the Commission-approved physical security, training and qualifications, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and the authority of 10 CFR 50.90 and 10 CFR 50354(p). The combined set of plans¹, which contain Safeguards Information protected under 10 CRF 73.21, is entitled: "Braidwood Station Security Plan, Training and Qualification Plan, and Safeguards Contingency Plan, Revision 3," submitted by letter dated May 17, 2006.

- G. Deleted

- H. The licensee shall have and maintain financial protection of such type and in such amounts as the Commission shall require in accordance with Section 170 of the Atomic Energy Act of 1954, as amended, to cover public liability claims.

- I. This license is effective as of the date of issuance and shall expire at midnight on October 17, 2026.

FOR THE NUCLEAR REGULATORY COMMISSION

original signed by:

Thomas E. Murley, Director
Office of Nuclear Reactor Regulation

Attachments:

- 1. Work Items to be completed
- 2. Appendix A - Technical Specifications (NUREG-1276)
- 3. Appendix B - Environmental Protection Plan
- 4. Appendix C - Additional Conditions

Date of Issuance: July 2, 1987

¹The training and Qualification Plan and Safeguards Contingency Plan are Appendices to the Security Plan

- F. Exelon Generation Company shall fully implement and maintain in effect all provisions of the Commission-approved physical security, training and qualifications, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and the authority of 10 CFR 50.90 and 10 CFR 50354(p). The combined set of plans¹, which contain Safeguards Information protected under 10 CRF 73.21, is entitled: "Braidwood Station Security Plan, Training and Qualification Plan, and Safeguards Contingency Plan, Revision 3," submitted by letter dated May 17, 2006.
- G. Deleted
- H. The licensee shall have and maintain financial protection of such type and in such amounts as the Commission shall require in accordance with Section 170 of the Atomic Energy Act of 1954, as amended, to cover public liability claims.
- I. This license is effective as of the date of issuance and shall expire at midnight on December 18, 2027.

FOR THE NUCLEAR REGULATORY COMMISSION

original signed by:

James H. Sniezek, Deputy Director
Office of Nuclear Reactor Regulation

Attachments:

1. Work Items to be completed
2. Appendix A - Technical Specifications (NUREG-1276)
3. Appendix B - Environmental Protection Plan
4. Appendix C - Additional Conditions

Date of Issuance: May 20, 1988

¹The training and Qualification Plan and Safeguards Contingency Plan are Appendices to the Security Plan