June 9, 2008

Mr. Charles G. Pardee
Chief Nuclear Officer and
Senior Vice President
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville IL 60555

SUBJECT: BRAIDWOOD STATION, INFORMATION REQUEST FOR AN NRC BIENNIAL PERMANENT MODIFICATIONS AND 10 CFR 50.59 (MOD/50.59) BASELINE INSPECTION

Dear Mr. Pardee:

On August 25, 2008, the NRC will begin a Modifications and 10 CFR 50.59 (MOD/50.59) baseline inspection at the Braidwood Station. This inspection will be performed in accordance with the NRC baseline Inspection Procedure IP 71111.17. The on-site portion of the inspection will take place on August 25 through August 29, 2008, and September 8 through September 12, 2008.

Experience has shown that these baseline inspections are extremely resource intensive, both for the NRC inspectors and the licensee staff. In order to minimize the inspection impact on the site and to ensure a productive inspection for both parties, we have enclosed a request for documents needed for the inspection. These documents have been divided into three groups. The first group is necessary to ensure that the inspection team is adequately prepared for the inspection. This information should be made available via compact disc to the Regional Office no later than July 1, 2008. The inspection team will review this information and, by July 11, 2008, will request specific items that should be available for review by August 4, 2008. The second group of requested documents contains additional items that the team will review, or need access to, during the inspection. Certain documents in Group II. (1) will be requested for review in the Regional Office prior to the inspection. The remaining documents should be available by the first day of the on-site inspection, August 25, 2008. The third group lists information necessary to aid the inspection team in tracking issues identified as a result of the inspection. It is requested that this information be provided to the lead inspector as the information is generated during the inspection. It is important that all of these documents are up to date and complete in order to minimize the number of additional documents requested during the preparation and/or the on-site portions of the inspection.

The lead inspector for this inspection is Mr. Robert Daley. We understand that our regulatory contact for this inspection is James Petty (815-417-2815) of your organization. If there are any questions about the inspection or the material requested, please contact the lead inspector at (630) 829-9749 or via e-mail at RCD@nrc.gov.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).

Sincerely,

/RA/

David E. Hills, Chief
Engineering Branch 1
Division of Reactor Safety

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

Enclosure: Modification and 50.59 Inspection Document Request
w/Enclosure (Information for Preparation Week and Information
Available On-site During Inspection)

cc w/encl: Site Vice President - Braidwood Station
Plant Manager - Braidwood Station
Regulatory Assurance Manager - Braidwood Station
Chief Operating Officer and Senior Vice President
Senior Vice President - Midwest Operations
Senior Vice President - Operations Support
Vice President - Licensing and Regulatory Affairs
Director - Licensing and Regulatory Affairs
Manager Licensing - Braidwood, Byron and LaSalle
Associate General Counsel
Document Control Desk - Licensing
Assistant Attorney General
J. Klinger, State Liaison Officer,
Illinois Emergency Management Agency
Chairman, Illinois Commerce Commission

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).

Sincerely,

/RA/

David E. Hills, Chief
Engineering Branch 1
Division of Reactor Safety

Docket No. 50-331; 72-032
License No. DPR-49

Enclosure: Modification and 50.59 Inspection Document Request w/Enclosure (Information for Preparation Week and Information Available On-site During Inspection)

cc w/encl: Site Vice President - Braidwood Station
Plant Manager - Braidwood Station
Regulatory Assurance Manager - Braidwood Station
Chief Operating Officer and Senior Vice President
Senior Vice President - Midwest Operations
Senior Vice President - Operations Support
Vice President - Licensing and Regulatory Affairs
Director - Licensing and Regulatory Affairs
Manager Licensing - Braidwood, Byron and LaSalle
Associate General Counsel
Document Control Desk - Licensing
Assistant Attorney General
J. Klinger, State Liaison Officer,
Illinois Emergency Management Agency
Chairman, Illinois Commerce Commission

DOCUMENT NAME: Ltr. 06__08 Braidwood RFI MOD 50.59 RCD.doc
□ Publicly Available □ Non-Publicly Available □ Sensitive □ Non-Sensitive
To receive a copy of this document, indicate in the concurrence box "C" = Copy without attach/encl "E" = Copy with attach/encl "N" = No copy

OFFICE	RIII		RIII					
NAME	RDaley: ls		DHills					
DATE	06/09/08		06/09/08					

OFFICIAL RECORD COPY

Letter to Mr. Charles Pardee from Mr. David E. Hills dated June 9, 2008.

SUBJECT: BRAIDWOOD NUCLEAR POWER STATION, INFORMATION REQUEST FOR AN NRC BIENNIAL PERMANENT MODIFICATIONS AND 10 CFR 50.59 (MOD/50.59) BASELINE INSPECTION

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INITIAL DOCUMENT REQUEST

MODIFICATIONS AND 50.59 INSPECTION DOCUMENT REQUEST

<u>Inspection Report</u>:	05000456/2008008; 05000457/2008008(DRS)
<u>Inspection Dates</u>:	August 25 through September 12, 2008
<u>Inspection Procedures</u>:	IP 71111- 02, "Changes, Tests, or Experiments" IP 71111- 17, "Permanent Plant Modifications"
<u>Lead Inspector</u>:	R. Daley, Reactor Inspector (630) 829-9749

I. Information Requested for In-Office Preparation Week

The following information is requested by July 1, 2008, or sooner, to facilitate the selection of specific items that will be reviewed during the on-site inspection week. The team will select specific items from the information requested below and submit a list to your staff by July 11, 2008. We will request that certain items be made available to the regional office prior to the inspection by August 4, 2008. We request that the remaining items selected from the lists be available and ready for review on the first day of inspection. All requested information should cover the time frame from the receipt of information for the last Permanent Modification inspection on October 3, 2006, to the present. If you have any questions regarding this information, please call the team leader as soon as possible.

(1) List of "permanent plant modifications" to risk significant systems, structures or components that are field work complete. (For the purpose of this inspection, permanent plant modifications include permanent: plant changes, design changes, set point changes, equivalency evaluations, suitability analyses, and commercial grade dedications.)

The list should contain the number of each document, the title, the revision (or date), and the affected system. In addition to the list, please provide a description of each modification and a list of associated calculations and affected procedures.

(2) List of all 10 CFR 50.59 completed evaluations involving: (a) calculations; (b) procedure revisions; (c) changes to the facility (modifications); (d) non-routine operating configurations; or (e) departures in methods of analyses. This list should **only** include 50.59 evaluations for the following:

a. UFSAR changes that have been updated in accordance with 10 CFR 50.71(e)(4) since September 6, 2005;

b. Modifications that are field work complete; and

c. Changes to calculations (or initiation of new calculations) that have been Issued.

The list should contain the number and title of each document, a brief description of the change, and the corresponding number and type of the affected document (i.e., the modification or procedure to which the evaluation applies). The list should NOT include any evaluations in which prior NRC approval was sought and obtained.

(3) List of all 10 CFR 50.59 changes that have been screened out as not requiring a full evaluation involving: (a) calculations; (b) procedure revisions; (c) changes to the facility (modifications); (d) non-routine operating configurations; or (e) departures in methods of analyses.

The list should contain the number and title of each document, a brief description of the change, and the corresponding number and type of the affected document (i.e., the modification or procedure to which the evaluation applies).

(4) List of any modifications, procedure revisions, or UFSAR changes where it was determined that 10 CFR 50.59 did not apply.

(5) List of calculation changes that have been issued for use.

(6) List of corrective action documents (open and closed) that address plant permanent modification or 10 CFR 50.59 issues, concerns, or processes. These documents should also include corrective action documents associated with modification and MOD 50.59 change implementation.

(7). The list should contain the number, title and revision (or date) of each document, the affected system and corresponding documentation (if applicable), and should be sorted in order of significance, 7 copies of procedures addressing the following: modifications, design changes, set point changes, equivalency evaluations or suitability analyses, commercial grade dedications, post-modification testing, 10 CFR 50.59 evaluation and screenings, and UFSAR updates.

(8) UFSAR updates submitted in accordance with 10 CFR 50.71(e)(4). Provide copies of the complete submittal.

(9) Copy of the UFSAR change log (or a synopsis of changes). This should include all of the changes made to the UFSAR that were incorporated in the last 10 CFR 50.71(e)(4) submittal.

(10) Name(s) and phone numbers for the regulatory and technical contacts.

(11) List of any “Sound Reasons to the Contrary” evaluations performed in accordance with the requirements in 10 CFR 50.49, Section (k)(1).

(12) Current management and engineering organizational chart.

II. Information Requested to be Available Prior to Inspection (Request will be made by July 11, 2008 for availability of documents by August 4, 2008) or on First Day of Inspection (August 25, 2008)

(1) Copies of all selected items from Section I. This includes copies of associated documents such as calculations, post-modification test packages, 10 CFR 50.59 evaluations or screenings, and any corrective action documents.

(2) Copies of these documents do not need to be solely available to the team as long as the inspectors have easy and unrestrained access to them.

a. Updated Final Safety Analysis Report;

b. Original FSAR Volumes;

c. Original SER and Supplements;

d. FSAR Question and Answers;

e. Quality Assurance Plan;

f. Technical Specifications;

g. Latest IPE/PRA Report;

h. Vendor Manuals; and

i. The Latest 10 CFR 50.59 FSAR Update Submittal.

(3) Please ensure that other supporting documents for the selected items have been located and are readily retrievable as the team will likely be requesting these documents during the inspections. Examples of supporting documents are:

a. Drawings supporting the modifications;

b. Procedures affected by the modifications; and

c. UFSAR change papers generated due to a 10 CFR 50.59 evaluation.

(4) Current management and engineering organizational chart.

III. Information Requested to be provided throughout the inspection

(1) Copies of any corrective action documents generated as a result of the team's questions or queries during this inspection.

(2) Copies of the list of questions submitted by the team members and the status/resolution of the information requested (provide daily during the inspection to each team member).

If you have questions regarding the information requested, please contact the team leader.