

February 5, 2002

Mr. Oliver D. Kingsley, President
Exelon Nuclear
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: ASSESSMENT FOLLOWUP - BRAIDWOOD STATION, UNIT 1

Dear Mr. Kingsley:

On January 25, 2002, the NRC staff completed a quarterly review of the Braidwood Station, Units 1 and 2. The assessment evaluated the performance indicators (PIs) and inspection results. The purpose of this letter is to inform you of your safety performance during this period and our plans for a future inspection at your facility.

Our review identified that you have crossed the threshold from Green to White for the Unit 1 safety system unavailability, heat removal system (Auxiliary Feedwater System) performance indicator as a result of two component failures during the past year. As a result, we have assessed Braidwood Station performance to be in the Regulatory Response Cornerstone column of the NRC's Action Matrix. Therefore, we plan to conduct supplemental inspection 95001, "Inspection for One or Two White Inputs in a Strategic Performance Area," during the weeks of February 11 and 19, 2002. This inspection procedure is conducted to provide assurance that the root causes and contributing causes of risk significant performance issues are understood, the extent of condition is identified, and the corrective actions are sufficient to prevent recurrence.

In accordance with 10 CFR 2.790 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 the NRC's document system (ADAMS). ADAMS is accessible from the NRC web site at <http://www.nrc.gov/reading-rm.html> (the Public Electronic Reading Room).

Please contact Ann Marie Stone at 630-829-9729 with any questions you may have regarding this letter.

Sincerely,

Original signed by
Geoffrey E. Grant

Geoffrey E. Grant, Director
Division of Reactor Projects

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

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