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Byron Station
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Nuclear

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U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Braidwood Station, Units 1 and 2
Facility Operating License Nos. NPF-72 and NPF-77
NRC Docket Nos. STN 50-456 and STN 50-457

Byron Station, Units 1 and 2
Facility Operating License Nos. NPF-37 and NPF-66
NRC Docket Nos. STN 50-454 and STN 50-455

Subject: Update to Individual Plant Examination of External Events Submittal Reports

- References:
- (1) Letter from K. L. Graesser (Commonwealth Edison Company) to NRC, "Transmittal of Byron Station Individual Plant Examination of External Events Submittal Reports," dated December 23, 1996
 - (2) Letter from H. Gene Stanley (Commonwealth Edison Company) to NRC, "Transmittal of Braidwood Station Individual Plant Examination of External Events Submittal Reports," dated June 27, 1997
 - (3) Letter from Mahesh Chawla (NRC) to Oliver D. Kingsley, (Exelon Generation Company, LLC), "Review of Braidwood Individual Plant Examination of External Events (IPEEE) Submittal," dated May 30, 2001
 - (4) Letter from Mahesh Chawla (NRC) to Oliver D. Kingsley, (Exelon Generation Company, LLC), "Review of Individual Plant Examination of External Events – Byron Station, Units 1 and 2," dated May 30, 2001

In References 1 and 2, Byron and Braidwood Stations submitted a report to the NRC that provided a summary of the methodologies, results and conclusions of their

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respective Individual Plant Examination of External Events (IPEEE). The seismic analysis section of these reports identified some plant improvements that were complete or scheduled to be completed. These plant improvements included a recommendation to evaluate and secure the main control room ceiling diffusers to the T-bar support system, as appropriate, in order to prevent the diffusers from falling during a seismic event and becoming a personnel hazard. The NRC, in References 3 and 4, reiterated this recommendation in the associated IPEEE safety evaluation for Byron Station and Braidwood Station.

Byron and Braidwood engineering have subsequently completed this evaluation and have demonstrated through calculations the main control room ceiling diffusers are capable of withstanding an IPEEE Review Level Earthquake and will not fall. Consequently, the tying of the main control room ceiling diffusers to the T-bar support system is considered not necessary.

Should you have any questions concerning this letter, please contact William Grundmann, Regulatory Assurance Manager, at (815) 406-2800.

Respectfully,

A handwritten signature in black ink that reads "Stephen Kuczynski". The signature is written in a cursive, flowing style.

Stephen E. Kuczynski
Site Vice President
Byron Nuclear Generating Station

cc: Regional Administrator – NRC Region III
NRC Senior Resident Inspector – Byron Station
NRC Senior Resident Inspector – Braidwood Station