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April 26, 2002
BW020029

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

Subject: 2001 Annual Environmental Report

The attached document includes the Annual Environmental Operating Report for Braidwood Station. This report is being submitted in accordance with Appendix B, "Environmental Protection Plan," of Braidwood Station's Facility Operating License, Section 5.4.1, "Routine Reports," and covers the time period from January 2001 through December 2001.

Braidwood Station evaluated the objectives stated in the Environmental Protection Plan, described in Appendix B of Braidwood Station's Facility Operating License, Section 1, "Objectives of the Environmental Protection Plan." It has been determined that these objectives are successfully being met.

The following Attachments are included in this report.

Attachment A - A list of all changes in Station design or operations, tests, and experiments as required by Appendix B, Section 3.1, "Plant Design and Operation."

Attachment B - A list of all non-routine reports as required by Appendix B, Section 5.4.2, "Nonroutine Reports."

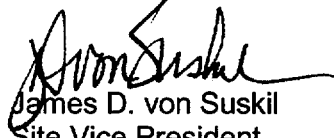
Attachment C - A list of non-compliances to the Environmental Protection Plan and the corrective actions.

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Should you have any questions regarding this information, please contact Amy Ferko at (815) 417-2699.

Respectfully,

A handwritten signature in black ink, appearing to read "James D. von Suskil". The signature is fluid and cursive, with the first name "James" and last name "Suskil" being the most prominent parts.

James D. von Suskil
Site Vice President
Braidwood Station

Attachments:

Attachment A
Attachment B
Attachment C

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

ATTACHMENT A

List of changes in station design or operations, tests, and experiments as required by Appendix B, Section 3.1 of Braidwood Station's Facility Operating License, "Plant Design and Operation."

None - 2001

ATTACHMENT B

List of all non-routine reports as required by Appendix B, Section 5.4.2 of Braidwood Station's Facility Operating License, "Nonroutine Reports."

1. Letter from James D. von Suskil (Exelon) to U.S. Nuclear Regulatory Commission, Document Control Desk, "Environmental Non-Routine Event Report for Exelon Generation Company, LLC-Braidwood Station," August 20, 2001.
2. Letter from James D. von Suskil (Exelon) to U.S. Nuclear Regulatory Commission, Document Control Desk, "Environmental Non-Routine Event Report for Exelon Generation Company, LLC-Braidwood Station," September 17, 2001.

ATTACHMENT C

List of non-compliances to the Environmental Protection Plan and the corrective action.

None - 2001