

Appendix G

# Clean Water Act §401 Water Quality Certification

*Braidwood Station Environmental Report*

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**Michael P. Gallagher**  
Vice President  
License Renewal

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michaelp.gallagher@exeloncorp.com

Exelon Nuclear  
200 Exelon Way  
Kennett Square, PA 19348

May 18, 2012  
BW120050

Mr. Dan Heacock, Facility Evaluation Unit Manager  
Illinois Environmental Protection Agency, Bureau of Water  
Post Office Box 19276  
Springfield, IL 62794-9276

Subject: Application for Clean Water Act Section 401 Certification associated with  
Renewal of Braidwood Generating Station Units 1 & 2 Operating Licenses

Dear Mr. Heacock:

In 2013, Exelon Generation Company (Exelon) plans to file an application with the U.S. Nuclear Regulatory Commission (NRC) for renewal of the Braidwood Generating Station, Units 1 and 2 operating licenses for 20 additional years beyond the currently licensed terms. No operational changes that would alter discharges or discharge pollutant loads from the Braidwood units during the extended operating terms would result from license renewal. Also, no construction is being proposed in connection with the license renewals.

In accordance with Section 401 of the federal Clean Water Act, the applicant for a federal license, such as renewed licenses for the Braidwood units, must provide the licensing agency with a certification by the state where the discharge would originate, indicating that applicable state water quality standards would not be violated as a result of discharges from the licensed facility. Thus, Exelon is filing the enclosed application requesting certification from the Illinois Environmental Protection Agency that renewal of the Braidwood operating licenses would not violate state water quality standards.

On March 14, 2012, Exelon attended a pre-submittal meeting with you and other IEPA staff. The enclosed application was prepared consistent with input received at the meeting, IEPA regulations in 35 Ill. Adm. Code Part 302, and corresponding IEPA guidance. As instructed, copies of the application are being submitted in parallel to the Illinois Department of Natural Resources (IDNR) and the U.S. Army Corps of Engineers.

If there are questions, please feel free to contact either John Petro at (630) 657-3209 or Nancy Ranek at (610-765-5369).

Respectfully,

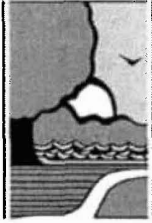
A handwritten signature in black ink that reads "Michael P. Gallagher".

Michael P. Gallagher  
Vice President, License Renewal Projects  
Exelon Generation Company, LLC

Enclosure

Illinois Environmental Protection Agency, Bureau of Water  
May 18, 2012  
Page 2

cc: Illinois Department of Natural Resources (IDNR) (enclosure w/ attachments)  
U.S. Army Corps of Engineers (enclosure w/ attachments)  
Illinois Emergency Management Agency – Division of Nuclear Safety (enclosure wo/  
attachments)  
Illinois Emergency Management Agency (Braidwood Representative) (enclosure wo/  
attachments)



**Illinois Department of  
Natural Resources**

One Natural Resources Way Springfield, Illinois 62702-1271  
<http://dnr.state.il.us>

Pat Quinn, Governor  
Marc Miller, Director

**Office of Water Resources • 2050 West Stearns Road • Bartlett, Illinois 60103**

June 18, 2012

Subject: **Application No. 2012080**  
Applicant: Exelon Corporation  
Project: Clean Water Act Section 401 Certification  
Watercourse: Kankakee River  
Community: Will County

*6/20/12*

Mr. Michael P. Gallagher  
Exelon Corporation  
200 Exelon Way  
Kennet Square, Pennsylvania 19348

Dear Mr. Gallagher:

This concerns your May 18, 2012 application for an Illinois Department of Natural Resources, Office of Water Resources (IDNR/OWR) permit for the above-referenced project.

I understand that you are seeking Clean Water Act Section 401 Certification from the Illinois Environmental Protection Agency. The certification request is associated with your renewal of Braidwood Generating Station Units 1 & 2 operating licenses from the U.S. Nuclear Regulatory Commission. Upon review we have determined that the subject project does not require an IDNR/OWR permit. This determination does not exempt the project from meeting the requirements of any other local, state, or federal agency.

If you have any questions, please contact me at 847/608-3100 x-32025.

Sincerely,

Gary W. Jereb, P.E. Chief  
Northeastern Illinois Regulatory Programs Section

GJ:

cc: John Petro, Exelon Generation Co., LLC  
Dan Heacock, Illinois Environmental Protection Agency



**DEPARTMENT OF THE ARMY**  
CHICAGO DISTRICT, CORPS OF ENGINEERS  
111 NORTH CANAL STREET  
CHICAGO, ILLINOIS 60606-7206

*rec'd 7/16/2012  
NRE*

REPLY TO  
ATTENTION OF:

July 9, 2012

Technical Services Division  
Regulatory Branch  
LRC-2012-491

SUBJECT: Request for Letter of No Objection for Renewal of Section 401 Water Quality Certification (Log C-0262-12) for Braidwood Generating Station Units 1 and 2 Operating Licenses located in Braidwood, Will County, Illinois

Nancy L. Ranek  
License Renewal Environmental Lead  
Exelon Generation, LLC  
200 Exelon Way, KSA/2-E  
Kennett Square, PA 19348

Dear Ms. Ranek:

This is in response to your July 3, 2012, request that the U.S. Army Corps of Engineers issue a letter of no objection for the above-referenced activity. The subject project has been assigned number LRC-2012-491. Please reference this number in all future correspondence concerning this project.

Following a review of the information you furnished to this office and assuming your project is conducted only as set forth in the information provided, this office has determined that the subject project does not require a Department of the Army (DA) permit to complete the proposed renewal action. It is our understanding that Exelon is coordinating the renewal of their Section 401 Water Quality Certification (Log C-0262-12) for Braidwood Generating Station Units 1 and 2 Operating Licenses located in Braidwood, Will County, Illinois, and there is no actual project or proposed work associated with this request. Specifically, there is no work or activities in, over, or under a navigable waterway that affect the course, condition, capacity or location of navigation regulated pursuant to Section 10 of the Rivers and Harbors Act of 1899. In addition, there is no discharge of dredged or fill material into a waters of the U.S., including wetlands, regulated pursuant to Section 404 of the Federal Water Pollution Control Act of 1972 (Clean Water Act). Please be aware that any unpermitted discharge into an area within the jurisdiction of this office may result in civil or criminal enforcement under the Clean Water Act, 33 U.S.C. Sec. 1319.

This determination is valid for a period of 5 years from the date of this letter and covers only your proposal to renew your Section 401 Water Quality Certification for Braidwood Generating Station Units 1 and 2 Operating Licenses located in Braidwood, Will County, Illinois.



This determination is based only on the proposed activity and is not an approved jurisdiction determination for the subject parcel. If you wish to receive an approved jurisdiction determination or have any questions, please contact Mr. Ron Abrant of my staff by telephone at 312-846-5536 or email at Ron.J.Abrant@usace.army.mil.

Sincerely,



Keith L. Wozniak  
Chief, West Section  
Regulatory Branch

Copy Furnished:

Dan Heacock  
Bureau of Water  
Illinois Environmental Protection Agency  
1021 N. Grand Ave. East  
Springfield, IL 62794-9276

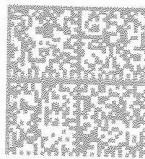
**Braidwood Station Environmental Report  
Appendix G – Clean Water Act §401 Water Quality Certification**

**DEPARTMENT OF THE ARMY**  
CHICAGO DISTRICT, CORPS OF ENGINEERS  
111 NORTH CANAL STREET  
CHICAGO, ILLINOIS 60606-7206

OFFICIAL BUSINESS *TS-R*

  
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15948244200



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