

July 1, 2003

Mr. Maynard Crossland  
Director  
Illinois Historic Preservation Agency  
Preservation Services Division  
One Old State Capitol Plaza  
Springfield, IL 62701

SUBJECT: QUAD CITIES NUCLEAR POWER STATION LICENSE RENEWAL REVIEW  
(IHPA LOG NO. 020116003WVA)

Dear Mr. Crossland:

The U.S. Nuclear Regulatory Commission (NRC) staff is reviewing an application to renew the operating licenses for Quad Cities Nuclear Power Station, Units 1 and 2 (QCNPS), which is located in Rock Island County, Illinois. Exelon Generation Company, LLC (Exelon) owns 75 percent of QCNPS and MidAmerican Energy Company (MidAmerican) owns the remaining 25 percent. Exelon holds the NRC license to operate the plant, acting for itself and as agent for MidAmerican. The application for renewal was submitted by Exelon on January 3, 2003, pursuant to NRC requirements at Title 10 of the *Code of Federal Regulations* Part 54 (10 CFR 54). The NRC has established that, as part of the staff review of any nuclear power plant license renewal action, a site-specific Supplemental Environmental Impact Statement (SEIS) to its "Generic Environmental Impact Statement for License Renewal of Nuclear Plants" (GEIS), NUREG-1437, will be prepared under the provisions of 10 CFR Part 51, the NRC rules that implement the National Environmental Policy Act (NEPA). In accordance with 36 CFR 800.8, the SEIS will include analyses of potential impacts to historic and cultural resources. A draft SEIS is scheduled for publication in November of 2003, and will be provided to you for review and comment.

In the context of the National Historic Preservation Act, the Agency official (the Director, Office of Nuclear Reactor Regulation, NRC) has determined that the area of potential effect (APE) for a license renewal action is the area at the power plant site and its immediate environs which may be impacted by post-license renewal land disturbing operation or projected refurbishment activities associated with the proposed action. The APE may extend beyond the immediate environs in those instances where post-license renewal land disturbing operations or projected refurbishment activities, specifically related to license renewal, potentially have an effect on known or proposed historic sites. This determination is made irrespective of ownership or control of the lands of interest.

While preparing its application, Exelon contacted your office by letter dated January 11, 2002, and your office responded on February 7, 2002. In its letter, Exelon stated that the operation of QCNPS, including the maintenance of identified transmission lines, through the license renewal term is not expected to affect cultural or historic resources in the area. Exelon further stated that no new construction was planned, and maintenance activities would be limited to previously disturbed areas. The February 7, 2002, response letter stated that, based on the information

provided, no historic properties would be affected, and IHPA had no objection to the undertaking proceeding as planned.

We request that you respond to this letter and indicate whether there are any changes to the determination in your February 7, 2002, letter to Exelon. For your information, enclosed is one example of a letter sent from the NRC staff to 15 Native American Tribes identified by the Bureau of Indian Affairs as having potential interest in the proposed undertaking affording them the opportunity to participate in this process and identify issues of concern to them. No issues have been identified to date. If you have any questions or require additional information, please contact the Environmental Project Manager for the QCNPS project, Duke Wheeler at 301-415-1444 or [DXW@nrc.gov](mailto:DXW@nrc.gov).

Sincerely,  
**/RA/**

Pao-Tsin Kuo, Program Director  
License Renewal and Environmental Impacts  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos.: 50-254, 50-265

Enclosure: As stated

cc w/o encl.: See next page

We request that you respond to this letter and indicate whether there are any changes to the determination in your February 7, 2002, letter to Exelon. For your information, enclosed is one example of a letter sent from the NRC staff to 15 Native American Tribes identified by the Bureau of Indian Affairs as having potential interest in the proposed undertaking affording them the opportunity to participate in this process and identify issues of concern to them. No issues have been identified to date. If you have any questions or require additional information, please contact the Environmental Project Manager for the QCNPS project, Duke Wheeler at 301-415-1444 or [DXW@nrc.gov](mailto:DXW@nrc.gov).

Sincerely,  
**/RA/**

Pao-Tsin Kuo, Program Director  
 License Renewal and Environmental Impacts  
 Division of Regulatory Improvement Programs  
 Office of Nuclear Reactor Regulation

Docket Nos.: 50-254, 50-265

Enclosure: As stated

cc w/o encl.: See next page

**DISTRIBUTION:**

DMatthews/FGillespie	DWheeler	REmch	TKim
JDavis	JTappert	FLyon	OGC
KStoedter, RIII	JStrasma, RIII	MFerber, RIII	
MRing, RIII	RLerch, RIII	BMcDowell (LLNL)	
RLEP R/F	PTKuo		

Accession No.: **ML031830303**

\*See previous concurrence

DOCUMENT NAME: C:\ORPCheckout\FileNET\ML031830303.wpd

OFFICE	LA:RLEP	GS:RLEP	PM:RLEP	SC:RLEP	OGC (NLO)	PD:RLEP
NAME	EGHylton*	JDavis*	DWheeler*	JTappert*	AFernandez*	PTKuo*
DATE	06/05/03	06/05/03	06/05/03	06/30/03	06/30/03	07/1/03

OFFICIAL RECORD COPY

Quad Cities Nuclear Power Station Units 1 and 2

cc:

Site Vice President - Quad Cities Nuclear Power Station  
Exelon Generation Company, LLC  
22710 206th Avenue N.  
Cordova, IL 61242-9740

Quad Cities Nuclear Power Station Plant Manager  
Exelon Generation Company, LLC  
22710 206th Avenue N.  
Cordova, IL 61242-9740

Regulatory Assurance Manager - Quad Cities  
Exelon Generation Company, LLC  
22710 206th Avenue N.  
Cordova, IL 61242-9740

Quad Cities Resident Inspectors Office  
U.S. Nuclear Regulatory Commission  
22712 206th Avenue N.  
Cordova, IL 61242

William D. Leech  
Manager - Nuclear  
MidAmerican Energy Company  
P.O. Box 657  
Des Moines, IA 50303

Vice President - Law and Regulatory Affairs  
MidAmerican Energy Company  
One River Center Place  
106 E. Second Street  
P.O. Box 4350  
Davenport, IA 52808

Chairman  
Rock Island County Board of Supervisors  
1504 3rd Avenue  
Rock Island County Office Bldg.  
Rock Island, IL 61201

Regional Administrator  
U.S. NRC, Region III  
801 Warrenville Road  
Lisle, IL 60532-4351

Illinois Department of Nuclear Safety  
Office of Nuclear Facility Safety  
1035 Outer Park Drive  
Springfield, IL 62704

Document Control Desk-Licensing  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Senior Vice President - Nuclear Services  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Vice President  
Mid-West Operations Support  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Senior Vice President  
Mid-West Regional Operating Group  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Vice President - Licensing and Regulatory Affairs  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Director - Licensing  
Mid-West Regional Operating Group  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Senior Counsel, Nuclear  
Mid-West Regional Operating Group  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Manager Licensing - Dresden and Quad Cities  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Mr. John L. Skolds, President  
Exelon Nuclear  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Ms. Lisa Ford  
Director  
River Valley Library  
214 South Main Street  
Port Byron, IL 61275

Ms. Cathy Stone  
Reference Manager  
Davenport Public Library  
321 Main Street  
Davenport, IA 52801-1490

Ms. Sue Hebel  
Director  
Cordova District Library  
402 Main Avenue  
Post Office Box 247  
Cordova, IL 61242-0247

William D. Maher  
License Renewal Environmental Lead  
Exelon Nuclear  
200 Exelon Way  
Kennett Square, PA 19348

Frederick W. Polaski  
License Renewal Manager  
Exelon Nuclear  
200 Exelon Way  
Kennett Square, PA 19348

Albert A. Fulvio  
Exelon Nuclear  
200 Exelon Way  
Kennett Square, PA 19348

ENCLOSURE

LETTER TO: THE HONORABLE JOHN A. BARRETT, JR, CHAIRPERSON

CITIZEN POTAWATOMI NATION, OKLAHOMA

(NATIVE AMERICAN TRIBE IDENTIFIED BY THE BUREAU OF INDIAN AFFAIRS)

MARCH 11, 2003

March 11, 2003

The Honorable John A. Barrett, Jr., Chairperson  
Citizen Potawatomi Nation, Oklahoma  
1901 South Gordon Cooper Drive  
Shawnee, OK 74801

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION REVIEW OF THE QUAD CITIES  
NUCLEAR POWER STATION LICENSE RENEWAL APPLICATION

Dear Mr. Barrett:

The U.S. Nuclear Regulatory Commission (NRC) is seeking input for its environmental review of an application from Exelon Generation Company, LLC (Exelon) to renew its operating license for the Quad Cities Nuclear Power Station, Units 1 and 2 (QCNPS), located in Rock Island County, Illinois. QCNPS is in close proximity to lands that may be of interest to the Potawatomi Nation. As described below, the NRC process includes an opportunity for public participation in the environmental review. We want to ensure that you are aware of our efforts and, pursuant to 10 CFR 51.28(b), the NRC invites the Citizen Potawatomi Nation of Oklahoma to provide input to the scoping process relating to the NRC's environmental review of the application.

The NRC will hold public scoping meetings for the QCNPS license renewal supplement to the NRC's "Generic Environmental Impact Statement for License Renewal of Nuclear Plants" (GEIS) (NUREG-1437). These scoping meetings will be held at the The Mark of the Quad Cities, 1201 River Drive, Moline, Illinois, on April 8, 2003. There will be two sessions to accommodate interested parties. The first session will convene at 1:30 p.m. and will continue until 4:30 p.m., as necessary. The second session will convene at 7:00 p.m., with a repeat of the overview portions of the meeting, and will continue until 10:00 p.m., as necessary. Additionally, the NRC staff will host informal discussions one hour before the start of each session. No formal comments on the proposed scope of the supplement to the GEIS will be accepted during the informal discussions. To be considered, comments must be provided either at the transcribed public meetings or in writing. The application and the environmental review process are described below.

Under NRC regulations, the original operating license for a nuclear power plant is issued for up to 40 years. The license may be renewed for up to an additional 20 years if NRC requirements are met. The current operating licenses for QCNPS will expire in 2012. Exelon submitted an environmental report as part of its application for renewal of the QCNPS operating license on January 3, 2003. The application is electronically available for inspection from the Publicly Available Records component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible at <http://www.nrc.gov/reading-rm/adams.html>, which provides access through the NRC's Public Electronic Reading Room (PERR) link. If you do not have access to ADAMS or if there are problems in accessing the documents located in ADAMS, contact the NRC's Public Document Room (PDR) Reference staff at 1-800-397-4209, 301-415-4737, or by e-mail to [pdr@nrc.gov](mailto:pdr@nrc.gov). In addition, the application can be viewed on the Internet <http://www.nrc.gov/reactors/operating/licensing/renewal/applications/dresden-quad.html>.

A paper copy of the document can be viewed at the NRC's PDR, located at One White Flint North, 11555 Rockville Pike (first floor), Rockville, Maryland; at the Cordova District Library, 402 Main Avenue, Cordova, Illinois; the River Valley Library, 214 South Main Street, Port Byron, Illinois; and at the Davenport Public Library, 321 Main Street, Davenport, Iowa. Also, the GEIS assesses the scope and impact of environmental effects that would be associated with license renewal at any nuclear power plant site. A copy of this document can also be found on the NRC's website or at the NRC's PDR.

The NRC is gathering information for the document that will be a QCNPS-specific supplement to the GEIS. The supplement will contain the results of the review of the environmental impacts on the area surrounding the QCNPS site that are related to terrestrial ecology, aquatic ecology, hydrology, cultural resources, and socioeconomic issues (among others) and will contain a recommendation regarding the environmental acceptability of the license renewal action.

Please submit any written comments the Citizen Potawatomi Nation may have to offer on the scope of the environmental review by May 12, 2003. Comments should be submitted either by mail to the Chief, Rules and Directives Branch, Division of Administrative Services, Mail Stop T-6 D59, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555-0001, or by e-mail to QuadCitiesEIS@nrc.gov.

At the conclusion of the scoping process, the NRC staff will prepare a summary of the significant issues identified, the conclusions reached, and will mail a copy to you.

The NRC will prepare a draft supplemental environmental impact statement (SEIS) for public comment, and will hold another set of public meetings in the site vicinity to solicit comments on the draft. A copy of the draft SEIS will be sent to you for your review and comment. After consideration of public comments received on the draft, the NRC will prepare a final SEIS. The issuance of a final environmental statement for QCNPS is planned for July 2004. If you need additional information regarding the environmental review process, please contact Louis L. Wheeler, Project Manager, at (301) 415-1444.

Sincerely,

**/RA/**

Pao-Tsin Kuo, Program Director  
License Renewal and Environmental Impacts Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos.: 50-254, 50-265

cc: See next page



A paper copy of the document can be viewed at the NRC's PDR, located at One White Flint North, 11555 Rockville Pike (first floor), Rockville, Maryland; at the Cordova District Library, 402 Main Avenue, Cordova, Illinois; the River Valley Library, 214 South Main Street, Port Byron, Illinois; and at the Davenport Public Library, 321 Main Street, Davenport, Iowa. Also, the GEIS assesses the scope and impact of environmental effects that would be associated with license renewal at any nuclear power plant site. A copy of this document can also be found on the NRC's website or at the NRC's PDR.

The NRC is gathering information for the document that will be a QCNPS-specific supplement to the GEIS. The supplement will contain the results of the review of the environmental impacts on the area surrounding the QCNPS site that are related to terrestrial ecology, aquatic ecology, hydrology, cultural resources, and socioeconomic issues (among others) and will contain a recommendation regarding the environmental acceptability of the license renewal action.

Please submit any written comments the Citizen Potawatomi Nation may have to offer on the scope of the environmental review by May 12, 2003. Comments should be submitted either by mail to the Chief, Rules and Directives Branch, Division of Administrative Services, Mail Stop T-6 D59, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555-0001, or by e-mail to QuadCitiesEIS@nrc.gov.

At the conclusion of the scoping process, the NRC staff will prepare a summary of the significant issues identified, the conclusions reached, and will mail a copy to you.

The NRC will prepare a draft supplemental environmental impact statement (SEIS) for public comment, and will hold another set of public meetings in the site vicinity to solicit comments on the draft. A copy of the draft SEIS will be sent to you for your review and comment. After consideration of public comments received on the draft, the NRC will prepare a final SEIS. The issuance of a final environmental statement for QCNPS is planned for July 2004. If you need additional information regarding the environmental review process, please contact Louis L. Wheeler, Project Manager, at (301) 415-1444.

Sincerely,

**/RA/**

Pao-Tsin Kuo, Program Director  
License Renewal and Environmental Impacts Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos.: 50-254, 50-265

cc: See next page

**DISTRIBUTION**

See next page

\*See previous concurrence

Accession no.: **ML030710725**

DOCUMENT NAME: C:\ORPCheckout\FileNET\ML031830303.wpd

OFFICE	LA:RLEP	GS:RLEP	PM:RLEP	SC:RLEP	PD:RLEP
NAME	YEdmonds*	JDavis*	DWheeler*	JTappert*	PTKuo*
DATE	03/6/03	03/6/03	03/6/03	03/7/03	03/11/03

OFFICIAL RECORD COPY

DISTRIBUTION: Letter to J. Barrett, Jr., Dated: March 11, 2003

---

Accession no.: **ML030710725**

PUBLIC

DMatthews/FGillespie

PTKuo

DWheeler

REmch

JDavis

JTappert

TKim

FLyon

KStoedter, RIII

JStrasma, RIII

MFarber, RIII

MRing, RIII

RLerch, RIII

OGC

BMcDowell (LLNL)

RLEP R/F

Quad Cities Nuclear Power Station, Units 1 and 2

cc:

Site Vice President - Quad Cities Nuclear  
Power Station  
Exelon Generation Company, LLC  
22710 206th Avenue N.  
Cordova, IL 61242-9740

Quad Cities Nuclear Power Station Plant  
Manager  
Exelon Generation Company, LLC  
22710 206th Avenue N.  
Cordova, IL 61242-9740

Regulatory Assurance Manager - Quad  
Cities  
Exelon Generation Company, LLC  
22710 206th Avenue N.  
Cordova, IL 61242-9740

Quad Cities Resident Inspectors Office  
U.S. Nuclear Regulatory Commission  
22712 206th Avenue N.  
Cordova, IL 61242

William D. Leech  
Manager - Nuclear  
MidAmerican Energy Company  
P.O. Box 657  
Des Moines, IA 50303

Vice President - Law and Regulatory Affairs  
MidAmerican Energy Company  
One River Center Place  
106 E. Second Street  
P.O. Box 4350  
Davenport, IA 52808

Chairman  
Rock Island County Board of Supervisors  
1504 3rd Avenue  
Rock Island County Office Bldg.  
Rock Island, IL 61201

Regional Administrator  
U.S. NRC, Region III  
801 Warrenville Road  
Lisle, IL 60532-4351

Illinois Department of Nuclear Safety  
Office of Nuclear Facility Safety  
1035 Outer Park Drive  
Springfield, IL 62704

Document Control Desk-Licensing  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Senior Vice President - Nuclear Services  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Vice President  
Mid-West Operations Support  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Senior Vice President  
Mid-West Regional Operating Group  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Vice President - Licensing and Regulatory  
Affairs  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Director - Licensing  
Mid-West Regional Operating Group  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Senior Counsel, Nuclear  
Mid-West Regional Operating Group  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Manager Licensing - Dresden and Quad  
Cities  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Mr. John L. Skolds, President  
Exelon Nuclear  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Quad Cities Nuclear Power Station, Units 1 and 2

cc:

Ms. Lisa Ford  
Director  
River Valley Library  
214 South Main Street  
Port Byron, IL 61275

Ms. Cathy Stone  
Reference Manager  
Davenport Public Library  
321 Main Street  
Davenport, IA 52801-1490

Ms. Sue Hebel  
Director  
Cordova District Library  
402 Main Avenue  
Post Office Box 247  
Cordova, IL 61242-0247

Mr. Jeremy Finch  
NAGPRA Director  
Citizen Potawatomi Nation  
1901 South Gordon Cooper Drive  
Shawnee, OK 74801

Mr. William D. Maher  
License Renewal Environmental Lead  
Exelon Nuclear  
200 Exelon Way  
Kennett Square, PA 19348

Mr. Frederick W. Polaski  
License Renewal Manager  
Exelon Nuclear  
200 Exelon Way  
Kennett Square, PA 19348

Mr. Albert A. Fulvio  
Exelon Nuclear  
200 Exelon Way  
Kennett Square, PA 19348