



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001**

December 24, 2014

Mr. Jon Greendeer, President
Ho-Chunk Nation
W9814 Airport Road
P.O. Box 667
Black River Falls, WI 54615

**SUBJECT: NOTICE OF AVAILABILITY OF THE DRAFT SUPPLEMENTAL
ENVIRONMENTAL IMPACT STATEMENT FOR LICENSE RENEWAL OF
BYRON NUCLEAR GENERATING STATION, UNITS 1 AND 2, FOR PUBLIC
COMMENT**

Dear President Greendeer:

The U.S. Nuclear Regulatory Commission (NRC) is conducting an environmental review of the effects of renewing the operating licenses for Byron Nuclear Generating Station, Units 1 and 2 (Byron). Byron is located in Ogle County, Illinois, approximately 145 miles northwest of Chicago, and 27 miles southwest of Rockford, Illinois and is operated by Exelon Generation Company, LLC (Exelon). As part of its review, the NRC has completed a draft Supplemental Environmental Impact Statement (SEIS) for the license renewal of Byron. This letter is to inform you and members of your tribe that the draft SEIS for the license renewal of Byron is available for public comment. The SEIS includes analyses of relevant environmental issues, including potential impacts to historic, archeological, and cultural properties from continued plant operation associated with license renewal.

As stated in our letter to your tribe dated in August 2013, the NRC is conducting Section 106 consultations in compliance with National Historic Preservation Act (NHPA) through the requirements of the National Environmental Policy Act (NEPA), as outlined in 36 CFR 800.8(c). In the context of NEPA, the NRC's preliminary determination is that any impact from continued power plant operations and maintenance activities during the license renewal term on historical and archaeological resources located in the area of potential effect would be small. Under the provisions of NHPA, the NRC determined that no historic properties would not be affected by this undertaking (the renewal of the Byron operating licenses). The justification for these conclusions is explained in Section 4.9.1 of the draft SEIS.

As discussed in Section 5.3 of the draft SEIS, the NRC's recommendation is that the environmental impacts of license renewal for Byron are not great enough to deny the option of license renewal for energy-planning decision-makers. This recommendation is based on (1) the analysis and findings in NUREG 1437, "Generic Environmental Impact Statement (GEIS) for License Renewal of Nuclear Plants, Revision 1;" (2) the environmental report submitted by

J. Greendeer

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Exelon; (3) consultation with Federal, State, Tribal and local agencies; (4) the NRC's environmental review; and (5) consideration of public comments received during the scoping process.

Please find a copy of the draft SEIS with these conclusions enclosed. Pursuant to 36 CFR 800.8(c), we are requesting your comments on the draft SEIS and on our preliminary conclusions. Electronic comments on the draft SEIS may be submitted to the NRC by accessing www.regulations.gov and searching for Docket ID NRC-2013-0178. Written comments may be mailed to the NRC at:

Cindy Bladey, Chief
Rules, Announcements, and Directives Branch (RADB)
Office of Administration, Mail Stop: 3WFN-06-44M
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Please note that the public comment period for the draft SEIS ends on February 20, 2015.

The NRC staff will hold public meetings prior to the close of the public comment period to present an overview of the draft SEIS and to accept public comment on the document. Public meetings to discuss the findings of the draft SEIS will be held on February 3, 2015, at Byron Forest Preserve, 7993 North River Rd. Byron, IL 61010. The first session will convene at 2:00 p.m. and will continue until 4:00 p.m., as necessary. The second session will convene at 7:00 p.m. and will continue until 9:00 p. m., as necessary. A meeting notice will be published shortly providing more details about those public meetings. A separate Notice of Availability of the draft SEIS will be placed in the Federal Register through the U.S. Environmental Protection Agency. If you have any questions regarding this matter, please contact Russell Chazell, Environmental Scientist, at 301-415-5003 or by e-mail at Russell.Chazell@nrc.gov.

Sincerely,

/RA Jeffrey Rikhoff for/

David J. Wrona, Chief
Environmental Review and
Guidance Update Branch
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-454 and 50-455

Enclosure:
NUREG-1437, Generic Environmental Impact Statement
for License Renewal of Nuclear Plants, Supplement 54

cc w/encl: Listserv



**UNITED STATES
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December 24, 2014

Mr. Steve Cadue, Chairman
Kickapoo Tribe of Indians of the Kickapoo Reservation in Kansas
1107 Goldfinch Road
Horton, KS 66439

SUBJECT: NOTICE OF AVAILABILITY OF THE DRAFT SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR LICENSE RENEWAL OF BYRON NUCLEAR GENERATING STATION, UNITS 1 AND 2, FOR PUBLIC COMMENT

Dear Chairman Cadue:

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S. Cadue

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December 24, 2014

Mr. Gilbert Salazar, Chairman
Kickapoo Tribe of Oklahoma
407 North Highway 102
P.O. Box 70
McCloud, OK 74851

SUBJECT: NOTICE OF AVAILABILITY OF THE DRAFT SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR LICENSE RENEWAL OF BYRON NUCLEAR GENERATING STATION, UNITS 1 AND 2, FOR PUBLIC COMMENT

Dear Chairman Salazar:

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December 24, 2014

Mr. Douglas G. Lankford, Chief
Miami Tribe of Oklahoma
P.O. Box 1326
Miami, OK 74355

SUBJECT: NOTICE OF AVAILABILITY OF THE DRAFT SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR LICENSE RENEWAL OF BYRON NUCLEAR GENERATING STATION, UNITS 1 AND 2, FOR PUBLIC COMMENT

Dear Chief Lankford:

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December 24, 2014

Mr. John P. Froman, Chief
Peoria Tribe of Indians of Oklahoma
118 S. Eight Tribes Trail
P.O. Box 1527
Miami, Oklahoma 74355

SUBJECT: NOTICE OF AVAILABILITY OF THE DRAFT SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR LICENSE RENEWAL OF BYRON NUCLEAR GENERATING STATION, UNITS 1 AND 2, FOR PUBLIC COMMENT

Dear Chief Froman:

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NUCLEAR REGULATORY COMMISSION
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December 24, 2014

Mr. John A. Barrett, Jr., Chairman
Citizen Potawatomi Nation
1601 S. Gordon Cooper Dr.
Shawnee, OK 74801

SUBJECT: NOTICE OF AVAILABILITY OF THE DRAFT SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR LICENSE RENEWAL OF BYRON NUCLEAR GENERATING STATION, UNITS 1 AND 2, FOR PUBLIC COMMENT

Dear Chairman Barrett:

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December 24, 2014

Ms. Judith Bender, Chairperson
Sac and Fox Tribe of the Mississippi in Iowa/Meskwaki
349 Meskwaki Road
Tama, IA 52339

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December 24, 2014

Ms. Brigette Robidoux, Chairperson
Sac and Fox Nation of Missouri in Kansas and Nebraska
305 N. Main Street
Reserve KS, 66434

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As stated in our letter to your tribe dated in August 2013, the NRC is conducting Section 106 consultations in compliance with National Historic Preservation Act (NHPA) through the requirements of the National Environmental Policy Act (NEPA), as outlined in 36 CFR 800.8(c). In the context of NEPA, the NRC's preliminary determination is that any impact from continued power plant operations and maintenance activities during the license renewal term on historical and archaeological resources located in the area of potential effect would be small. Under the provisions of NHPA, the NRC determined that no historic properties would not be affected by this undertaking (the renewal of the Byron operating licenses). The justification for these conclusions is explained in Section 4.9.1 of the draft SEIS.

As discussed in Section 5.3 of the draft SEIS, the NRC's recommendation is that the environmental impacts of license renewal for Byron are not great enough to deny the option of license renewal for energy-planning decision-makers. This recommendation is based on (1) the analysis and findings in NUREG 1437, "Generic Environmental Impact Statement (GEIS) for License Renewal of Nuclear Plants, Revision 1;" (2) the environmental report submitted by

B. Robindoux

- 2 -

Exelon; (3) consultation with Federal, State, Tribal and local agencies; (4) the NRC's environmental review; and (5) consideration of public comments received during the scoping process.

Please find a copy of the draft SEIS with these conclusions enclosed. Pursuant to 36 CFR 800.8(c), we are requesting your comments on the draft SEIS and on our preliminary conclusions. Electronic comments on the draft SEIS may be submitted to the NRC by accessing www.regulations.gov and searching for Docket ID NRC-2013-0178. Written comments may be mailed to the NRC at:

Cindy Bladey, Chief
Rules, Announcements, and Directives Branch (RADB)
Office of Administration, Mail Stop: 3WFN-06-44M
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

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Sincerely,

/RA Jeffrey Rikhoff for/

David J. Wrona, Chief
Environmental Review and
Guidance Update Branch
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-454 and 50-455

Enclosure:
NUREG-1437, Generic Environmental Impact Statement
for License Renewal of Nuclear Plants, Supplement 54

cc w/encl: Listserv



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001**

December 24, 2014

Mr. George Thurman, Principal Chief
Sac and Fox Nation
Administration Building
920883 S. Hwy 99 Bldg A
Stroud, OK 74079

SUBJECT: NOTICE OF AVAILABILITY OF THE DRAFT SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR LICENSE RENEWAL OF BYRON NUCLEAR GENERATING STATION, UNITS 1 AND 2, FOR PUBLIC COMMENT

Dear Principal Chief Thurman:

The U.S. Nuclear Regulatory Commission (NRC) is conducting an environmental review of the effects of renewing the operating licenses for Byron Nuclear Generating Station, Units 1 and 2 (Byron). Byron is located in Ogle County, Illinois, approximately 145 miles northwest of Chicago, and 27 miles southwest of Rockford, Illinois and is operated by Exelon Generation Company, LLC (Exelon). As part of its review, the NRC has completed a draft Supplemental Environmental Impact Statement (SEIS) for the license renewal of Byron. This letter is to inform you and members of your tribe that the draft SEIS for the license renewal of Byron is available for public comment. The SEIS includes analyses of relevant environmental issues, including potential impacts to historic, archeological, and cultural properties from continued plant operation associated with license renewal.

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G. Thurman

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Sincerely,

/RA Jeffrey Rikhoff for/

David J. Wrona, Chief
Environmental Review and
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Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-454 and 50-455

Enclosure:
NUREG-1437, Generic Environmental Impact Statement
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cc w/encl: Listserv



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001**

December 24, 2014

Mr. John P. Warren, Chairperson
Pokagon Band of Potawatomi
58620 Sink Road
P.O. Box 180
Dowagiac, MI 49047

SUBJECT: NOTICE OF AVAILABILITY OF THE DRAFT SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR LICENSE RENEWAL OF BYRON NUCLEAR GENERATING STATION, UNITS 1 AND 2, FOR PUBLIC COMMENT

Dear Chairperson Warren:

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As discussed in Section 5.3 of the draft SEIS, the NRC's recommendation is that the environmental impacts of license renewal for Byron are not great enough to deny the option of license renewal for energy-planning decision-makers. This recommendation is based on (1) the analysis and findings in NUREG 1437, "Generic Environmental Impact Statement (GEIS) for License Renewal of Nuclear Plants, Revision 1;" (2) the environmental report submitted by

J. Warren

- 2 -

Exelon; (3) consultation with Federal, State, Tribal and local agencies; (4) the NRC's environmental review; and (5) consideration of public comments received during the scoping process.

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Office of Administration, Mail Stop: 3WFN-06-44M
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

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Sincerely,

/RA Jeffrey Rikhoff *for*/

David J. Wrona, Chief
Environmental Review and
Guidance Update Branch
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-454 and 50-455

Enclosure:
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for License Renewal of Nuclear Plants, Supplement 54

cc w/encl: Listserv



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001**

December 24, 2014

Mr. Harold "Gus" Frank, Chairman
Forest County Potawatomi
5416 Everybody's Rd.
P.O. Box 340
Crandon, WI 54520

SUBJECT: NOTICE OF AVAILABILITY OF THE DRAFT SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR LICENSE RENEWAL OF BYRON NUCLEAR GENERATING STATION, UNITS 1 AND 2, FOR PUBLIC COMMENT

Dear Chairman Frank:

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As stated in our letter to your tribe dated in August 2013, the NRC is conducting Section 106 consultations in compliance with National Historic Preservation Act (NHPA) through the requirements of the National Environmental Policy Act (NEPA), as outlined in 36 CFR 800.8(c). In the context of NEPA, the NRC's preliminary determination is that any impact from continued power plant operations and maintenance activities during the license renewal term on historical and archaeological resources located in the area of potential effect would be small. Under the provisions of NHPA, the NRC determined that no historic properties would not be affected by this undertaking (the renewal of the Byron operating licenses). The justification for these conclusions is explained in Section 4.9.1 of the draft SEIS.

As discussed in Section 9.4 of the draft SEIS, the NRC's recommendation is that the environmental impacts of license renewal for Byron are not great enough to deny the option of license renewal for energy-planning decision-makers. This recommendation is based on (1) the analysis and findings in NUREG 1437, "Generic Environmental Impact Statement (GEIS) for License Renewal of Nuclear Plants, Revision 2;" (2) the environmental report submitted by

H. Frank

- 2 -

Exelon; (3) consultation with Federal, State, Tribal and local agencies; (4) the NRC's environmental review; and (5) consideration of public comments received during the scoping process.

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Rules, Announcements, and Directives Branch (RADB)
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Sincerely,

/RA Jeffrey Rikhoff for/

David J. Wrona, Chief
Environmental Review and
Guidance Update Branch
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-454 and 50-455

Enclosure:
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cc w/encl: Listserv



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001**

December 24, 2014

Mr. Kenneth Meshigaud, Tribal Chairperson
Hannahville Indian Community
N14911 Hannahville B1 Road
Wilson, MI 49896-9728

**SUBJECT: NOTICE OF AVAILABILITY OF THE DRAFT SUPPLEMENTAL
ENVIRONMENTAL IMPACT STATEMENT FOR LICENSE RENEWAL OF
BYRON NUCLEAR GENERATING STATION, UNITS 1 AND 2, FOR PUBLIC
COMMENT**

Dear Chairperson Meshigaud:

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Sincerely,

/RA Jeffrey Rikhoff for/

David J. Wrona, Chief
Environmental Review and
Guidance Update Branch
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-454 and 50-455

Enclosure:
NUREG-1437, Generic Environmental Impact Statement
for License Renewal of Nuclear Plants, Supplement 54

cc w/encl: Listserv



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001**

December 24, 2014

Mr. Steve Ortiz, Chairman
Prairie Band of Potawatomi Nation
16281 Q Road
Mayetta, KS 66509

SUBJECT: NOTICE OF AVAILABILITY OF THE DRAFT SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR LICENSE RENEWAL OF BYRON NUCLEAR GENERATING STATION, UNITS 1 AND 2, FOR PUBLIC COMMENT

Dear Chairman Ortiz:

The U.S. Nuclear Regulatory Commission (NRC) is conducting an environmental review of the effects of renewing the operating licenses for Byron Nuclear Generating Station, Units 1 and 2 (Byron). Byron is located in Ogle County, Illinois, approximately 145 miles northwest of Chicago, and 27 miles southwest of Rockford, Illinois and is operated by Exelon Generation Company, LLC (Exelon). As part of its review, the NRC has completed a draft Supplemental Environmental Impact Statement (SEIS) for the license renewal of Byron. This letter is to inform you and members of your tribe that the draft SEIS for the license renewal of Byron is available for public comment. The SEIS includes analyses of relevant environmental issues, including potential impacts to historic, archeological, and cultural properties from continued plant operation associated with license renewal.

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/RA Jeffrey Rikhoff for/

David J. Wrona, Chief
Environmental Review and
Guidance Update Branch
Division of License Renewal
Office of Nuclear Reactor Regulation

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cc w/encl: Listserv



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001**

December 24, 2014

Mr. John Blackhawk, Chairman
Winnebago Tribe of Nebraska
100 Bluff Street
PO Box 687
Winnebago, NE 68071

SUBJECT: NOTICE OF AVAILABILITY OF THE DRAFT SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR LICENSE RENEWAL OF BYRON NUCLEAR GENERATING STATION, UNITS 1 AND 2, FOR PUBLIC COMMENT

Dear Chairman Blackhawk:

The U.S. Nuclear Regulatory Commission (NRC) is conducting an environmental review of the effects of renewing the operating licenses for Byron Nuclear Generating Station, Units 1 and 2 (Byron). Byron is located in Ogle County, Illinois, approximately 145 miles northwest of Chicago, and 27 miles southwest of Rockford, Illinois and is operated by Exelon Generation Company, LLC (Exelon). As part of its review, the NRC has completed a draft Supplemental Environmental Impact Statement (SEIS) for the license renewal of Byron. This letter is to inform you and members of your tribe that the draft SEIS for the license renewal of Byron is available for public comment. The SEIS includes analyses of relevant environmental issues, including potential impacts to historic, archeological, and cultural properties from continued plant operation associated with license renewal.

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/RA Jeffrey Rikhoff for/

David J. Wrona, Chief
Environmental Review and
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Division of License Renewal
Office of Nuclear Reactor Regulation

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cc w/encl: Listserv

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 David J. Wrona, Chief
 Environmental Review and
 Guidance Update Branch
 Division of License Renewal
 Office of Nuclear Reactor Regulation

Docket Nos. 50-454 and 50-455

Enclosure:

NUREG-1437, Generic Environmental Impact Statement
 for License Renewal of Nuclear Plants, Supplement 54

cc w/encl: Listserv

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ADAMS Accession Number:: ML14344A541

*concurring via email

OFFICE	LA:DLR	PM:DLR/RPB2	RERB Technical Staff Member	BC:DLR/RERB
NAME	IBetts	LJames	RChazell	DWrona (JRikhoff for)
DATE	12/16/14	12/17/14	12/17/14	12/24/14

OFFICIAL RECORD COPY

Identical letters have been sent to:

Mr. Jon Greendeer, President, Ho-Chunk Nation
Mr. Steve Cadue, Chairman, Kickapoo Tribe of Indians of the Kickapoo Reservation in Kansas
Mr. Gilbert Salazar, Chairman, Kickapoo Tribe of Oklahoma
Mr. Douglas G. Lankford, Chief, Miami Tribe of Oklahoma
Mr. John P. Froman, Chief, Peoria Tribe of Indians of Oklahoma
Mr. John "Rocky" Barrett, Chairman, Citizen Potawatomi Nation
Ms. Judith Bender, Chairperson, Sac and Fox Tribe of the Mississippi in Iowa/Meskwaki
Ms. Brigitte Robidoux, Chairperson, Sac and Fox Nation of Missouri in Kansas and Nebraska
Mr. George Thurman, Principal Chief, Sac and Fox Nation
Mr. John P. Warren, Chairperson, Pokagon Band of Potawatomi
Mr. Harold "Gus" Frank, Chairman, Forest County Potawatomi
Mr. Kenneth Meshigaud, Tribal Chairperson, Hannahville Indian Community, Band of Potawatomi
Mr. Steve Ortiz, Chairman, Prairie Band of Potawatomi Nation
Mr. John Blackhawk, Chairman, Winnebago Tribe of Nebraska

SUBJECT: NOTICE OF AVAILABILITY OF THE DRAFT SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR LICENSE RENEWAL OF BYRON NUCLEAR GENERATING STATION, UNITS 1 AND 2 FOR PUBLIC COMMENT

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