

June 12, 2012

Mr. Robert Chicks, Tribal Chairman  
Stockbridge-Munsee Band  
of the Mohican Nation of Wisconsin  
Route 1  
P.O. Box 70  
Bowler, WI 54416

SUBJECT: REQUEST FOR CONSULTATION AND PARTICIPATION IN THE  
SUPPLEMENTAL SCOPING PROCESS REGARDING THE REVISED SITE  
LAYOUT FOR THE BELL BEND NUCLEAR POWER PLANT COMBINED  
LICENSE APPLICATION REVIEW

Dear Chairman Chicks:

The U.S. Nuclear Regulatory Commission (NRC) staff is reviewing a revised environmental report (ER) submitted on March 30, 2012, by PPL Bell Bend, LLC (PPL) in support of its initial application for a combined license (COL) for the construction and operation of one new nuclear power plant at its Bell Bend Nuclear Power Plant (BBNPP) site near Berwick, Pennsylvania. This revised ER provides detailed information regarding PPL's revised site layout, which was developed to avoid wetland impacts by relocating the power block footprint and other plant components. The revised ER is available through the NRC's Agencywide Document Access Management System (ADAMS) and is accessible at <http://www.nrc.gov/reading-rm/adams.html> under the ADAMS accession number ML12145A242. The document is also available on the Internet at <http://www.nrc.gov/reactors/new-reactors/col/bell-bend/documents.html#application>.

As part of the review of the COL application, the NRC is preparing an environmental impact statement (EIS) as required by Title 10 of the *Code of Federal Regulations* (CFR) Part 51, the NRC's regulation that implements the National Environmental Policy Act of 1969, as amended (NEPA). The U.S. Army Corps of Engineers (USACE), Baltimore District, which is a cooperating agency with the NRC for the purpose of complying with NEPA, is reviewing a joint permit application (JPA) that was submitted by PPL in June 2011 (and was revised in November). The EIS will include analyses of potential impacts to historic properties that reflect consultation and will document the NRC and USACE staff's determinations regarding the environmental impacts to the proposed site from the construction and operation of one new nuclear plant. In addition, the EIS will consider alternatives, including an evaluation of alternative sites. The following four alternative sites will be evaluated in the EIS: the Montour site located in Derry Township in Montour County, Pennsylvania; the Humboldt site located in Humboldt Industrial Park west of the City of Hazleton in Luzerne County, Pennsylvania; the Seedco site located in Coal Township in Northumberland County, Pennsylvania; and the Martins Creek site located in Warren County, New Jersey, along the Delaware River.

The purpose of this letter is to inform you that the NRC and USACE are providing the public with an additional opportunity to submit scoping comments on the new information provided by PPL regarding the revised site layout. Please provide any information, comments, or concerns you feel are appropriate on the scope of the review, especially related to the revised site layout during the scoping comment period, which ends on July 16, 2012. Comments should be submitted either by mail to the Chief, Rulemaking, Announcements and Directives Branch, Division of Administrative Services, Office of Administration, Mail Stop TWB-05-B01M, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555-0001 or by e-mail to [BBNP.COLEIS@nrc.gov](mailto:BBNP.COLEIS@nrc.gov).

On October 10, 2008, PPL submitted its application for a COL pursuant to NRC requirements in 10 CFR Part 52. The NRC staff accepted the application for docketing on December 15, 2008. The NRC and USACE first initiated consultation with the Stockbridge-Munsee Band of the Mohican Nation of Wisconsin by letter dated January 9, 2009 (ML083520544) and to date have not received a response. Through this letter, the NRC and USACE are continuing consultation with your tribe under Section 106 of the National Historic Preservation Act of 1966, as amended (NHPA), regarding the COL and JPA applications. The NRC and USACE are currently seeking information from consulting parties, and other individuals and organizations likely to have knowledge of, or concerns with, historic properties in the area to identify issues relating to the proposed undertaking's potential effects on historic properties.

Pursuant to 10 CFR 51.28 and 36 CFR 800.2(c), the NRC wishes to ensure that Indian Tribes that might have an interest in any potential historic properties in the area of potential effect (APE) are afforded the opportunity to identify their concerns, provide advice on the identification and evaluation of historic properties, including those of traditional religious and cultural importance, and, if necessary, participate in the resolution of any adverse effects to such properties. It is the view of the Pennsylvania Historic and Museum Commission (PHMC), in consultation with the applicant, that the archaeological APE is the approximately 902 acres of the proposed project footprint. The architectural APE is the approximately 902 acres of the proposed project footprint and a surrounding viewshed that was defined as extending at least 0.5 miles beyond the project footprint. In some areas (i.e. along the elevated riverbank) the viewshed APE was extended to include additional resources located within a clear line of sight of the project area, and in one case extended to 2.6 miles. For purposes of consultation under Section 106 of the NHPA, the USACE is the lead Federal agency. The USACE will continue consultation with the PHMC to make a final determination on the USACE's APE for the JPA review. The NRC staff has determined that the APE for the COL review is the area at the power plant site and the immediate environs that may be directly or indirectly impacted by NRC authorized construction and operation of the proposed new unit. The APE is influenced by the limitation of the scale and nature of the NRC undertaking which does not include most of the ground disturbing activities which constitute "preconstruction" activities. Many of the activities required to build a nuclear power plant do not fall within NRC's regulatory authority and, therefore, are not "construction" as defined by the NRC. Such activities are referred to as "preconstruction" activities in 10 CFR 51.45(c).

As stated in our initial 2009 scoping letter, the NRC staff is using the process required by NEPA for the preparation of the EIS to comply with the obligations imposed under Section 106 of the NHPA in accordance with 36 CFR 800.8(c), in lieu of the procedures set forth in 36 CFR 800.3 through 800.6 and will consult with your tribe on the proposed action. Consultation will include participation in the scoping process; identification of historic properties on the BBNPP site;

assessment of the effects of the proposed action on any historic properties identified; and development of alternatives and proposed measures that might avoid, minimize, or mitigate any adverse effects of the proposed action on historic properties. To complete consultation under 36 CFR 800.8(c), the NRC staff will send the draft EIS to consulting parties for review and comment, and the NRC staff will address the comments in the final EIS. This draft EIS will include identification of historic properties, assessment of environmental impacts, and the preliminary recommendation on whether the requested COL should be granted or denied.

The BBNPP project boundary consists of approximately 2,055 acres in the Salem Township, Luzerne County, Pennsylvania, approximately 5 miles northeast of Berwick, Pennsylvania, near the west bank of the North Branch Susquehanna River, and it contains the BBNPP site and the Susquehanna Steam Electric Station (SSES) site. As a result of the revised site layout, the BBNPP site comprises an area of 975 acres within the BBNPP project boundary in an area of open deciduous woodlands interspersed with grasslands, previously cultivated fields, and orchards. The area of disturbance within the BBNPP site is approximately 677 acres. Land use in the immediate vicinity of the site is primarily forested and agricultural. The BBNPP site is located west of the SSES site, which has two operating boiling water reactors, Units 1 and 2, that have the capacity to generate 2,270 megawatts of electricity (MW(e)) combined. PPL is proposing to construct and operate an AREVA U.S. EPR reactor with an approximate output of 1,600 MW(e).

PPL has stated there is no need for new transmission lines or corridors to connect the new reactor unit to the existing electrical grid. The existing 500-kilovolt (kV) transmission line is currently being modified to add the Susquehanna-Roseland Interconnection approved by the Pennsylvania, New Jersey, and Maryland Regional Transmission Organization. This modification was planned independent of and without consideration of the BBNPP project. On the BBNPP site, planned facilities include one new 500-kV switchyard to transmit power from BBNPP, one new 500-kV transmission system switchyard (Susquehanna 500-kV Yard #2), expansion of the existing Susquehanna 500-kV Yard, and two new 500-kV, 4,260 megavolt-ampere circuits on individual towers connecting the BBNPP substation to the existing SSES 500-kV yard and to the proposed Susquehanna Yard #2. Additionally, the 230-kV transmission lines currently passing through the BBNPP site would be relocated to run to the north of Beach Grove Road in order to provide a buffer from the cooling towers and provide additional areas for the location of structures.

Chairman R. Chicks

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If you have any questions concerning the environmental review of this COL application, please contact Mrs. Laura Quinn-Willingham, Environmental Project Manager, at 301-415-2220 or via e-mail at [Laura.Quinn-Willingham@nrc.gov](mailto:Laura.Quinn-Willingham@nrc.gov). In her absence, please contact Mr. John Fringer at 301-415-6208 or via e-mail at [John.Fringer@nrc.gov](mailto:John.Fringer@nrc.gov).

Sincerely,

**/RA/**

Anthony H. Hsia, Branch Chief  
Environmental Projects Branch 2  
Division of New Reactor Licensing  
Office of New Reactors

Docket No.: 52-039

cc: See next page

Chairman R. Chicks

- 4 -

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Sincerely,

/RA/

Anthony H. Hsia, Branch Chief  
Environmental Projects Branch 2  
Division of New Reactor Licensing  
Office of New Reactors

Docket No.: 52-039

cc: See next page

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AElliott, USACE ( <a href="mailto:Amy.H.Elliott@usace.army.mil">Amy.H.Elliott@usace.army.mil</a> )	TO.Neil, PNNL ( <a href="mailto:Tara.Oneil@pnnl.gov">Tara.Oneil@pnnl.gov</a> )	
BMcDowell, PNNL ( <a href="mailto:Bruce.Mcdowell@pnnl.gov">Bruce.Mcdowell@pnnl.gov</a> )	KLeigh, PNNL ( <a href="mailto:Kimberly.Leigh@pnnl.gov">Kimberly.Leigh@pnnl.gov</a> )	
TGrant, NUMARK ( <a href="mailto:tgrant@numarkassoc.com">tgrant@numarkassoc.com</a> )		
DStapp, NUMARK ( <a href="mailto:dstapp@pocketinet.com">dstapp@pocketinet.com</a> )		

**Accession No.: ML12073A247** \*See previous concurrence block \*\*concurred via email **NRO-002**

OFFICE	PM:EPB2: DNRL:NRO	LA: EPB2: DNRL:NRO	Cult:RENV: DSEA:NRO	OGC	BC: EPB2: DNRL:NRO
NAME	LQuinn-Willingham*	MBrown**	MPurdie*	AHodgdon*	AHsia
DATE	05/11/2012	05/11/2012	05/04/2012	03/27/2012	06/12/2012

OFFICIAL RECORD COPY

Bell Bend Mailing List  
cc:

Ms. Carla Alber  
7844 Blue Ridge Trail  
Mountaintop, PA 18707

Mr. David J. Allard  
Director and State Liaison Officer  
Department of Environmental Protection  
Bureau of Radiation Protection  
Rachel Carson State Office Building  
400 Market Street  
Harrisburg, PA 17101

Mr. George Blanchard, Governor  
Absentee-Shawnee Tribe of Oklahoma  
2025 S. Gordon Cooper  
Shawnee, OK 74801

Mr. Robert Chicks Tribal, Chairman  
Stockbridge-Munsee Band of the Mohican  
Nation, Wisconsin  
Route 1  
Bowler, WI 54416

Mr. Eric Davis, Project Leader  
U.S. Fish and Wildlife Service  
New Jersey Field Office  
927 N. Main Street  
Heritage Square, Building D  
Pleasantville, NJ 08232

The Honorable Ed Delgado, Chairman  
Oneida Nation of Wisconsin  
P.O. Box 365  
Oneida, WI 54155-0365

Mr. David Densmore Supervisor  
U.S. Fish and Wildlife Service  
Pennsylvania Field Office  
315 South Allen Street  
Suite 322  
State College, PA 16801-4850

Ms. Amy Elliott  
U.S. Army Corps of Engineers  
Baltimore District  
1631 South Atherton Street, Suite 102  
State College, PA 16801

Mr. Clifford Farides  
Mill Memorial Public Library  
495 E. Main Street  
Nanticoke, PA 17101

Mr. Max Furek  
57 Jeanette Street  
Mocanaqua, PA 18655

Mr. Ray Ganthner  
Senior Vice President  
AREVA, NP, Inc.  
3315 Old Forest Road  
P. O. Box 10935  
Lynchburg, VA 24506

The Honorable Mark Garrow, Chief  
St. Regis Mohawk Tribe  
412 State Route 37  
Akwasasne, NY 13655

Mr. Tony Gonyea, Faithkeeper  
Onodaga Nation  
Road 11 A, Box 245  
Nedrow, NY 13120

The Honorable Raymond Halbritter  
Nation Representative  
Oneida Indian Nation  
5218 Patrick Road  
Verona, NY 13478

Mr. Clinton Halftown Heron  
Clan Representative  
Cayuga Nation  
P.O. Box 8043  
Seneca Falls, NY 13148

Mr. Herbert Harmon  
320 Stone Church Road  
Berwick, PA 18603

Mr. Chuck Henry  
1051 Scotch Valley Drive  
Bloomsburg, PA 17815

Bell Bend Mailing List  
cc:

The Honorable Leo Henry, Chief  
Tuscarora Nation  
2006 Mt. Hope Road  
Lewistown, NY 14092

Mr. Leroy Hess  
124 Hess Road  
Wapwallopen, PA 18660

The Honorable Roger Hill, Chief  
Tonawanda Seneca Nation  
7027 Meadville Road  
Basom, NY 14013

Mr. Kerry Holton, Tribal President  
Delaware Nation  
P.O. Box 825  
Anadarko, OK 73005

The Honorable Leroy Howard, Chief  
Seneca-Cayuga Tribe of Oklahoma  
P.O. Box 1283  
Miami, OK 74355

Mr. Rich Janati, M.S., Chief  
Division of Nuclear Safety Administrator  
Appalachian Compact Commission  
Rachel Carson State Office Building  
400 Market Street  
Harrisburg, PA 17101

Ms. Patricia A. Kurkul  
Northeast Regional Administrator  
NOAA National Marine Fisheries Service  
Northeast Regional Office  
55 Great Republic Drive  
Gloucester, MA 01930-2298

Mr. James R. Leigey  
Pennsylvania Game Commission  
2001 Elmerton Avenue  
Harrisburg, PA 17110-9797

Mr. Herb Lord, Data Review Specialist  
Natural Heritage Program  
22 South Clinton Avenue  
P.O. Box 404  
Trenton, NJ 08625-0404

Ms. Emily McBracken  
494 Mingle Inn Road  
Berwick, PA 18603

Mr. Douglas C. McLearen, Chief  
Division of Archaeology and Protection  
Bureau for Historic Preservation  
Pennsylvania Historical and  
Museum Commission  
Commonwealth Keystone Building  
400 North Street, 2nd Floor  
Harrisburg, PA 17120-0093

Mr. Reid Nelson, Director  
Office of Federal Agency Programs  
Advisory Council on Historic Preservation  
Old Post Office Building  
1100 Pennsylvania Avenue, NW  
Suite 809  
Washington, DC 20004

Mr. Justin Newell  
Bureau of Forestry  
Pennsylvania Department of Conservation  
and Natural Resources  
6<sup>th</sup> Floor Rachel Carson State Office Bldg  
P.O. Box 8552  
Harrisburg, PA 17105-8552

Ms. Lisette Ormsbee  
McBride Memorial Library  
500 N. Market Street  
Berwick, PA 18603

Mr. Malcom S. Plevyak  
1446 Salem Boulevard  
Berwick, PA 18603

Bell Bend Mailing List  
cc:

Mr. Robert Odawi Porter, President  
Seneca Nation of Indians  
P.O. Box 231  
Salamanca, NY 14779

Mr. James L. Richenderfer, Ph.D., P.G.  
Director, Technical Programs  
Susquehanna River Basin Commission  
1721 North Front Street  
Harrisburg, PA 17102-2391

The Honorable Ron Sparkman  
Chairman  
Shawnee Tribe  
29 South 69A Highway  
Miami, OK 74354

Mr. Jim Stout, President  
Berwick Historical Society  
102 East Second Street  
Berwick, PA 18603-4827

Mr. Chris Urban  
Pennsylvania Fish  
and Boat Commission  
450 Robinson Lane  
Bellefonte, PA 16823

The Honorable Glenna Wallace, Chief  
Eastern Shawnee Tribe of Oklahoma  
P.O. Box 350  
Seneca, MO 64865

Ms. Karen Walsh  
614 N. Front Street  
Harrisburg, PA 17101

Mr. Jack Wirbicki  
212 Deer Run Drive  
Mountaintop, PA 18707

Mr. John Zadigaka  
205 Magtzville Road  
Berwick, PA 18603



Bell Bend Mailing List

cc:

Email:

djallard@state.pa.us (Dave Allard)  
pballaron@srbc.net (Paula Ballaron)  
sbeeler@pa.gov (Shawn Beeler)  
bennettS2@bv.com (Steve A. Bennett)  
dbogard@evenlink.com (Deborah Bogard)  
hbiggs@pa.gov (Heidi Biggs)  
bob.brown@ge.com (Robert E. Brown)  
mbrownell@srbc.net (Mike Brownell)  
bbusher@state.pa.us (Brian Busher)  
wcapouile@state.pa.us (Bill Capauliez)  
kcarey960@gmail.com (Kyle Carey)  
mjcaverly@pplweb.com (Mike Caverly)  
carole\_copeyon@fws.gov (Carole Copeyon)  
davis.jamie@epa.gov (Jamie Davis)  
psychndesign@verison.net (Barbara DeRonde)  
derddafdl@verizon.net (Robert DeRonde)  
wilburdennisjr@hotmail.com (Wilbur Dennis, Jr.)  
Amy.H.Elliott@usace.army.mil (Amy Elliott)  
greshaja@westinghouse.com (James Gresham)  
egocek@pa.gov (Erin Goccek)  
chebrink@localnet.com (Rev. Chad A. Hebrink)  
jh14ferrari@aol.com (John Heim)  
phinnen@entergy.com (Paul Hinnenkamp)  
jhoffman@srbc.net (Jennifer Hoffman)  
wholtsmast@pa.gov (Walter Holtsmaster)  
ecology3@gmail.com (Ted Jacobsen)  
rjanati@pa.gov (Rich Janati)  
jennifer\_kagel@fws.gov (Jennifer Kagel)  
vincekelly@gmail.com (Vince Kelly)  
knutson.lingard@epa.gov (Lingard Knutson)  
tolewis@pa.gov (Tonda Lewis)  
clombard@pa.metrocast.net (Cynthia Lombard)  
Magerr.Kevin@epa.gov (Kevin Magerr)  
steve\_mars@fws.gov (Steve Mars)  
smcdougal@pa.gov (Steve McDougal)  
terrimeighan@msn.com (James E. Meighan)  
kaysm@verizon.net (Catherine Stuccio Mentrinkoski)  
omowery@pa.gov (Olivia Mowery)  
pnaugle@srbc.net (Pat Naugle)  
john.nichols@noaa.gov (John Nichols)  
executivedirector@berwickymca.org (Nick Pajovich)  
rmpaley@pplweb.com (Robert M. Paley)  
ajlaquin@verizon.net (Patricia Perluk)  
kpetock@curtisswright.com (Kelly Petock)  
tmpiquet@bloomu.edu (Tina Piquet)  
rapollock1@yahoo.com (Ralph Pollock)

Bell Bend Mailing List

cc:

TomPopko@hotmail.com (Tom Popko)  
ruppert125@aol.com (Greg Ruppert)  
eschloyer@yahoo.com (Erin Schloyer)  
signs@bellessigns.com (Ryan Search)  
rrsgarro@pplweb.com (Rocco R. Sgarro)  
tshervinsk@pa.gov (Tom Shervinskie)  
dsimpson@bloomu.edu (David Simpson)  
nate@nathansnavely.com (Nate Snavely)  
dasuper@verizon.net (Dave Superdock)  
RKTemple@cpsenergy.com (R.K. Temple)  
etrowbridge@pa.gov (Gene Trowbridge)  
melinda\_turner@fws.gov (Melinda Turner)  
kevwhite@pa.gov (Kevin White)  
lwinker@pa.gov (Larry Winker)  
Dzampogna@srbc.net (Damian M. Zampogna)  
Lora\_Zimmerman@fws.gov (Lora Zimmerman)

COL - Bell Bend Mailing List  
cc:

(Revised 05/21/2012)

Mr. Richard L. Baker  
Bechtel Power Corporation  
5275 Westview Drive  
Frederick, MD 21703-8306

Regional Administrator  
Region I  
U. S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Ms. Michele Boyd  
Legislative Director  
Energy Program  
Public Citizens Critical Mass Energy  
and Environmental Program  
215 Pennsylvania Avenue, SE  
Washington, DC 20003

Resident Inspector  
U. S. Nuclear Regulatory Commission  
P. O. Box 35  
Berwick, PA 18603

Mr. Tony Robinson  
AREVA NP, Inc.  
3315 Old Forest Road  
Lynchburg, VA 24501

Ms. Kristen A. Burger  
Maryland People's Counsel  
6 St. Paul Centre  
Suite 2102  
Baltimore, MD 21202-1631

Michael Caverly  
Vice President  
Nuclear Project Development  
PPL Nuclear Development  
38 Bomboy Lane, Suite 2  
Berwick, PA 18603

Mr. Carey Fleming, Esquire  
Senior Counsel - Nuclear Generation  
Constellation Generation Group, LLC  
750 East Pratt Street, 17th Floor  
Baltimore, MD 21202

Mr. Roy Hickok  
NRC Technical Training Center  
5700 Brainerd Road  
Chattanooga, TN 37411-4017

Mr. Norris McDonald  
President  
AAEA  
9903 Caltor Lane  
Ft. Washington, MD 20744

COL - Bell Bend Mailing List

cc:

Email

APH@NEI.org (Adrian Heymer)  
awc@nei.org (Anne W. Cottingham)  
BrinkmCB@westinghouse.com (Charles Brinkman)  
cwaltman@roe.com (C. Waltman)  
david.lewis@pillsburylaw.com (David Lewis)  
ecullington@earthlink.net (E. Cullington)  
ed.burns@earthlink.net (Ed Burns)  
gzinke@entergy.com (George Alan Zinke)  
jerald.head@ge.com (Jerald G. Head)  
Joseph\_Hegner@dom.com (Joseph Hegner)  
KSutton@morganlewis.com (Kathryn M. Sutton)  
ktscopelliti@pplweb.com (Karen Scopelliti)  
kwaugh@impact-net.org (Kenneth O. Waugh)  
lchandler@morganlewis.com (Lawrence J. Chandler)  
lois@ieer.org (Lois Chalmers)  
maria.webb@pillsburylaw.com (Maria Webb)  
mark.beaumont@wsms.com (Mark Beaumont)  
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)  
media@nei.org (Scott Peterson)  
mike\_moran@fpl.com (Mike Moran)  
MSF@nei.org (Marvin Fertel)  
nirsnet@nirs.org (Michael Mariotte)  
Nuclaw@mindspring.com (Robert Temple)  
patriciaL.campbell@ge.com (Patricia L. Campbell)  
Paul@beyondnuclear.org (Paul Gunter)  
pbessette@morganlewis.com (Paul Bessette)  
RJB@NEI.org (Russell Bell)  
rrsgarro@pplweb.com (Rocco Sgarro)  
sabinski@suddenlink.net (Steve A. Bennett)  
sfrantz@morganlewis.com (Stephen P. Frantz)  
stephan.moen@ge.com (Stephan Moen)  
tkkibler@scana.com (Tria Kibler)  
trsmith@winston.com (Tyson Smith)  
Vanessa.quinn@dhs.gov (Vanessa Quinn)  
Wanda.K.Marshall@dom.com (Wanda K. Marshall)