

June 12, 2012

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

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 Mr. Newell:

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 document the NRC and USACE staff's evaluation of the impacts from the construction and operation of one new nuclear plant at the BBNPP site. In addition, the NRC and USACE staff's EIS will consider alternatives, including 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 via e-mail to BBNP.COLEIS@nrc.gov. When the NRC and USACE staff completes the draft EIS, a copy will be sent to your office for comment. This letter is also being submitted under the provisions of the Fish and Wildlife Coordination Act of 1934, as amended (FWCA).

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 your office by letter dated January 12, 2009 (ML083500498). In a letter dated February 12, 2009 (ML090440181), you replied by providing a list of rare, threatened, or endangered species that are known to occur in the vicinities of the Bell Bend site and the Montour and Sandy Bend alternative sites (the Sandy Bend site is no longer being considered as an alternative site).

To support the preparation of the EIS, the NRC and USACE request that your office provide any updated information on State-listed proposed and candidate species, and critical habitat that may be in the vicinity of the BBNPP site, the associated transmission line rights-of-way, and the alternative sites located in Pennsylvania. In addition, please provide any information you consider appropriate under the provisions of the FWCA. Enclosed with this letter are copies of site maps, the Pennsylvania Diversity Inventory Project Planning and Environmental Review Forms, and the associated map needed for each form.

The BBNPP project boundary consists of approximately 2,055 acres in 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 to the 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.

The proposed cooling system consists of a closed-cycle wet cooling system. The system will use two natural draft cooling towers for heat dissipation. An average rate of 23,808 gallons per minute would be withdrawn from the Susquehanna River to make up losses from evaporation, cooling tower drift, and blowdown discharge. Blowdown from the cooling towers would discharge to a common retention basin prior to discharging to the Susquehanna River.

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. In her absence, please contact Mr. John Fringer at 301-415-6208 or via e-mail at 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

Enclosures:
As stated

cc w/o enclosures: See next page

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.

The proposed cooling system consists of a closed-cycle wet cooling system. The system will use two natural draft cooling towers for heat dissipation. An average rate of 23,808 gallons per minute would be withdrawn from the Susquehanna River to make up losses from evaporation, cooling tower drift, and blowdown discharge. Blowdown from the cooling towers would discharge to a common retention basin prior to discharging to the Susquehanna River.

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. In her absence, please contact Mr. John Fringer at 301-415-6208 or via e-mail at 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

Enclosures:

As stated

cc w/o enclosures: See next page

DISTRIBUTION:

PUBLIC

LQuinn-Willingham, NRO

MCanova, NRO

JSegala, NRO

RidsOpaMail Resource

DScrenci, R1

RidsRgn1MailCenter Resource

RidsOgcMailCenter Resource

ARosebrook, DRP R1

BMcDowell, PNNL (Bruce.Mcdowell@pnnl.gov)

TGrant, Numark (tgrant@numarkassoc.com)

RDurham, PNNL (Robin.Durham@pnnl.gov)

AElliott, USACE (Amy.H.Elliott@pnnl.gov)

AHsia, NRO

JFringer, NRO

RidsNroDnrl Resource

EPB2 R/F

SBurnell, OPA

PFinney, R1

PKrohn, DRP R1

REnnis, NRR

NKuntzleman, NRO

MBrown, NRO

RidsNroDnrlEpb2 Resource

LGoldin, OGC

PDoub, NRO

JGreives, R1

CSanders, NRR

RKropp, PNNL (Roy.Kropp@pnnl.gov)

KLeigh, PNNL (Kimberly.Leigh@pnnl.gov)

JBecker, PNNL (James.Becker@pnnl.gov)

ADAMS Accession No.: ML12076A068 *see previous concurrence **via email **NRO-002**

OFFICE	LA: EPB2: DNRL:NRO	PM:EPB2: DNRL:NRO	Bio:RENV: DSEA:NRO	OGC	BC: EPB2: DNRL:NRO
NAME	MBrown*	LQuinn-Willingham*	NKuntzleman**	AHodgdon*	AHsia
DATE	04/24/2012	04/30/2012	04/30/2012	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
6th 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 Gocek)
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 Perlake)
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)



Pennsylvania Natural Diversity Inventory Project Planning & Environmental Review Form

This form provides site information necessary to perform an Environmental Review for special concern species and resources listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, the Pennsylvania Fish and Boat code or the Pennsylvania Game and Wildlife Code.

Applicant Information

Name: John Fringer

Address: U.S. Nuclear Regulatory Commission, MS T-6C32, WASHINGTON, DC 20555

Phone Number: 301-415-6208

Fax Number: 301-415-5399

Contact Person Information - if different from applicant

Name:

Address:

Phone Number:

Fax Number:

Project Information

Project Name: Bell Bend Nuclear Power Plant (BBNPP)

Project Location: 5 Mi NE Of Berwick, PA

Municipality: Salem Township County: Luzerne

☒ Attach a copy of a U.S.G.S. 7 1/2 Minute Quadrangle Map with Project Boundaries clearly marked.

U.S.G.S. Quad Name: Berwick

Project Description

Proposed Project Activity (including ALL earth disturbance areas and current conditions)

Construction of one new nuclear power plant adjacent to the existing Susquehanna Steam Electric Station near Berwick, PA. This form provides updated acreage and a figure for the project footprint. RE: #2(below): ON OR ADJACENT TO THE BBNPP SITE: 4 SMALL CREEKS: WALKER RUN AND 3 UNNAMED TRIBUTARIES; 6 SMALL PONDS: FARM POND, JOHNSON'S POND, BEAVER POND, WEST BUILDING POND, & 2 UNNAMED PONDS. OFFSITE: LAKE TOOK-A-WHILE (770 FT. FROM E. SITE BOUNDARY); THE NORTH BRANCH CANAL (<950 FT. FROM E. SITE BOUNDARY); AN UNNAMED TRIBUTARY CONNECTED TO THE SW CORNER OF LAKE TOOK-A-WHILE. THE NORTH BRANCH OF THE SUSQUEHANNA RIVER IS LESS THAN 250 FT. FROM THE SOUTHERN TIP OF THE BBNPP SITE BOUNDARY.

Total Acres of Property: 2055 Acreage to be Impacted: 677

1. Will the entire project occur in or on an existing building, parking lot, driveway, road, maintained road shoulder, street, runway, paved area, railroad bed, or maintained lawn? Yes ☐ No ☒
2. Are there any waterways or waterbodies (intermittent or perennial rivers, streams, creeks, tributaries, lakes or ponds) in or near the project area, or on the land parcel? If so, how many feet away is the project? Yes ☒ feet No ☐
3. Are wetlands located in or within 300 feet of the project area? Yes ☒ No ☐ If No, is this the result of a wetland delineation?

If you have a "PNDI Project Environmental Review Receipt" with potential impacts, please send a receipt copy, this completed form, and a USGS Quad Map to the agency/agencies noted on the receipt. If you are unable to generate a PNDI Receipt because you do not have Internet access, complete this form, attach a USGS Quad Map, and send them to your local DEP or County Conservation District. For review of a "Large Project," please send form and map to all the agencies listed below. See page 2 for more information.

Dept. of Conservation and Natural Resources
Bureau of Forestry, Ecological Services Section
400 Market St., PO Box 8552
Harrisburg, PA 17105
fax: 717-772-0271

PA Game Commission
Bureau of Land Management
2001 Elmerton Avenue
Harrisburg, PA 17110-9797
fax: 717-787-6957

PA Fish and Boat Commission
Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823
fax 814-359-5175

US Fish and Wildlife Service
Endangered Species Biologist
315 South Allen St., Suite 322
State College, PA 16801
no faxes please

Figure 2.2-5— BBNPP Site 500 kV and 230 kV Regional Circuit Corridors

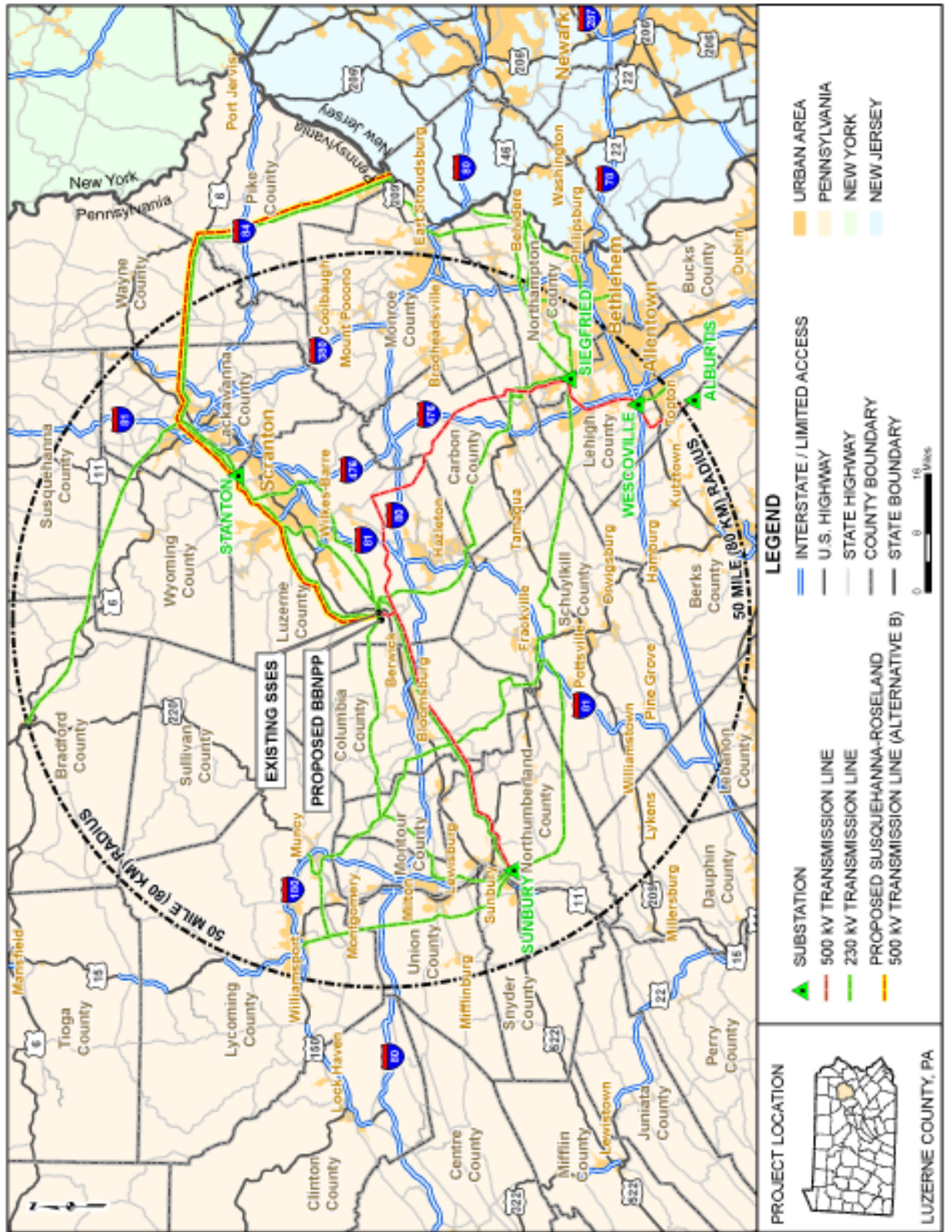
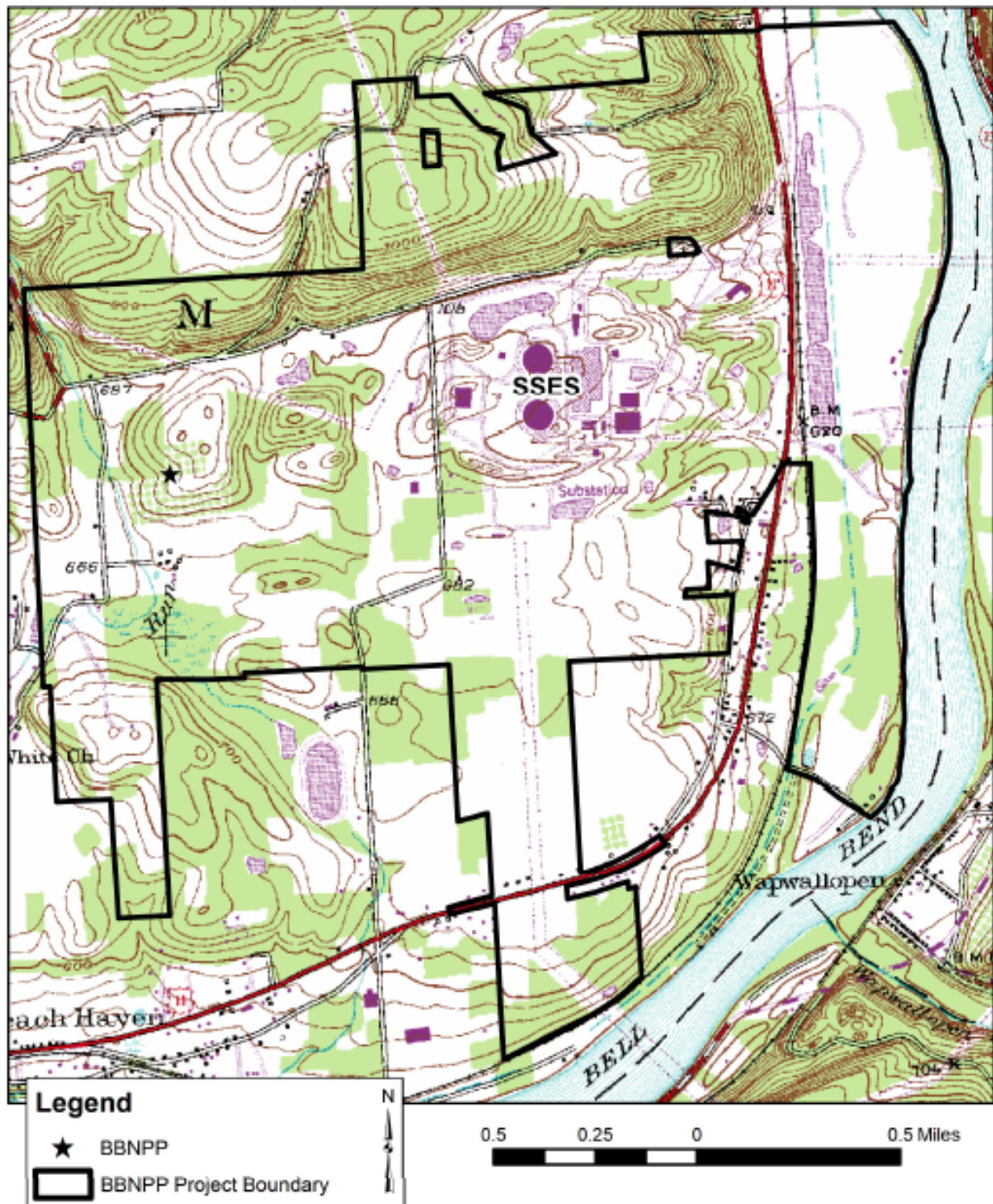


Figure 2.2-3— BBNPP Site Topographic Map





Pennsylvania Natural Diversity Inventory Project Planning & Environmental Review Form

This form provides site information necessary to perform an Environmental Review for special concern species and resources listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, the Pennsylvania Fish and Boat code or the Pennsylvania Game and Wildlife Code.

Applicant Information

Name: John Fringer

Address: U.S. Nuclear Regulatory Commission, MS T-6C32, WASHINGTON, DC 20555

Phone Number: 301-415-6208

Fax Number: 301-415-5399

Contact Person Information - if different from applicant

Name:

Address:

Phone Number:

Fax Number:

Project Information

Project Name: Bell Bend Nuclear Power Plant - Alternate Site; HUMBOLDT, PA

Project Location: ~5 Mi West Of Hazleton, PA, Along SR 924

Municipality: Hazleton County: Luzerne

☒ Attach a copy of a U.S.G.S. 7 1/2 Minute Quadrangle Map with Project Boundaries clearly marked.

U.S.G.S. Quad Name: Conyngham

Project Description

Proposed Project Activity (including ALL earth disturbance areas and current conditions)

Location is an alternate site for possible construction of one new nuclear power plant on a brownfield site at the Humboldt Industrial Park. RE: #2 (below), there are 5 freshwater ponds with a total acreage of 8 ac onsite. Stony Creek runs through the site and the Humboldt Reservoir is ~500 ft. N. of the site. *THE SUSQUEHANNA RIVER IS ~12.5 MILES N-NW OF THE SITE.*

Total Acres of Property: 3,796 Acreage to be Impacted: 420

1. Will the entire project occur in or on an existing building, parking lot, driveway, road, maintained road shoulder, street, runway, paved area, railroad bed, or maintained lawn? Yes ☐ No ☒
2. Are there any waterways or waterbodies (intermittent or perennial rivers, streams, creeks, tributaries, lakes or ponds) in or near the project area, or on the land parcel? If so, how many feet away is the project? Yes ☒ feet No ☐
3. Are wetlands located in or within 300 feet of the project area? Yes ☒ No ☐ If No, is this the result of a wetland delineation?

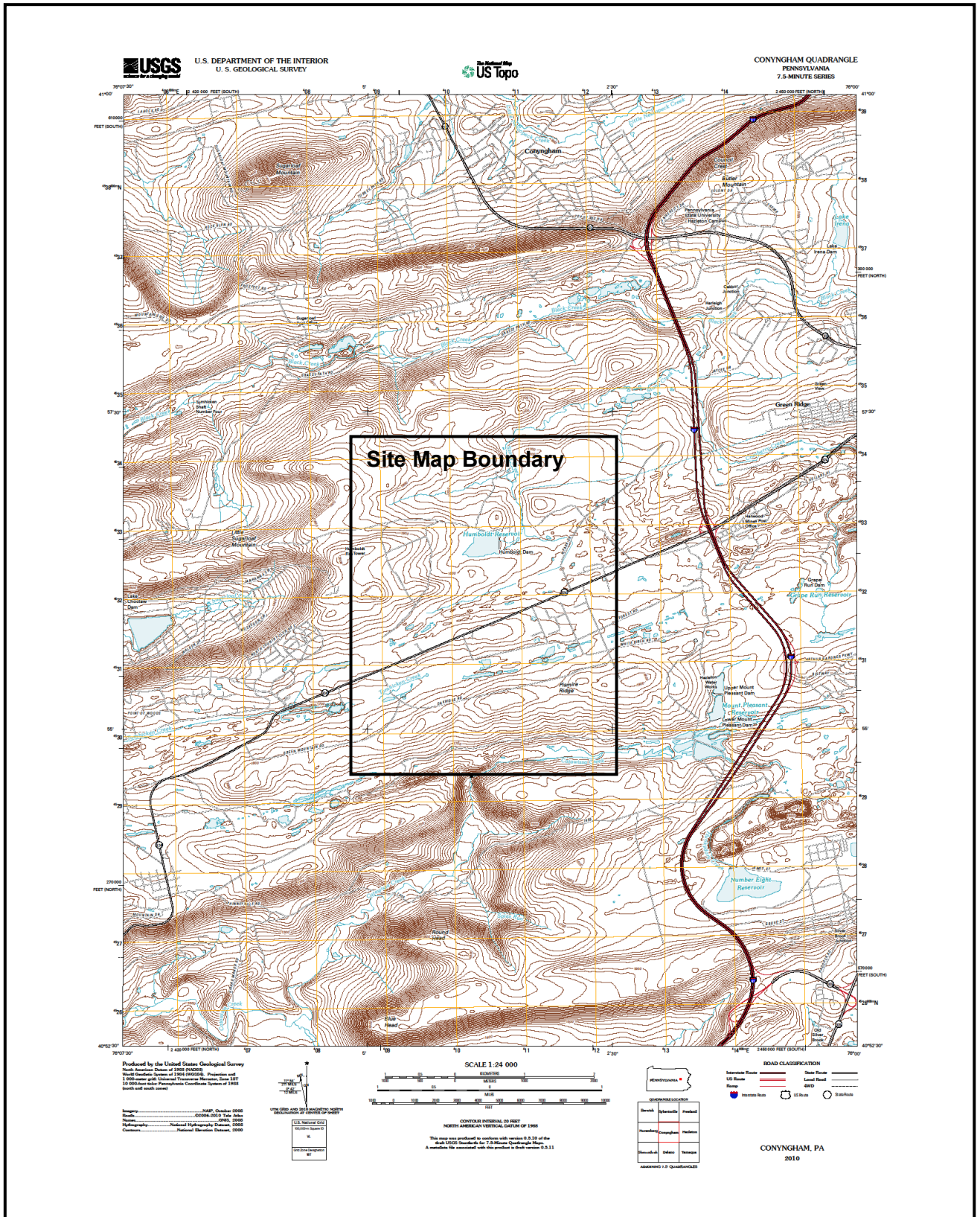
If you have a "PNDI Project Environmental Review Receipt" with potential impacts, please send a receipt copy, this completed form, and a USGS Quad Map to the agency/agencies noted on the receipt. If you are unable to generate a PNDI Receipt because you do not have Internet access, complete this form, attach a USGS Quad Map, and send them to your local DEP or County Conservation District. For review of a "Large Project," please send form and map to all the agencies listed below. See page 2 for more information.

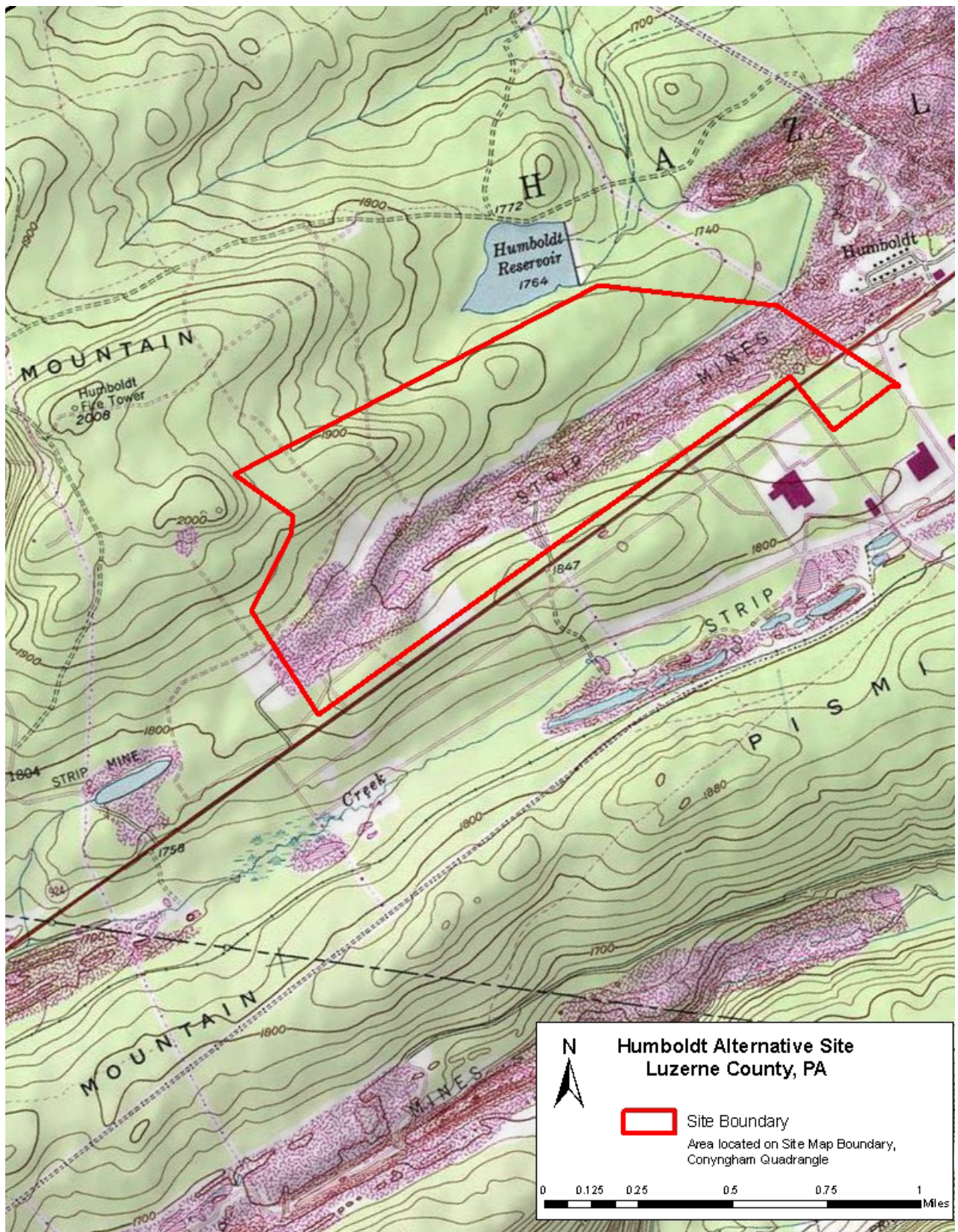
Dept. of Conservation and Natural Resources
Bureau of Forestry, Ecological Services Section
400 Market St., PO Box 8552
Harrisburg, PA 17105
fax: 717-772-0271

PA Game Commission
Bureau of Land Management
2001 Elmerton Avenue
Harrisburg, PA 17110-9797
fax: 717-787-6957

PA Fish and Boat Commission
Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823
fax 814-359-5175

US Fish and Wildlife Service
Endangered Species Biologist
315 South Allen St., Suite 322
State College, PA 16801
no faxes please







Pennsylvania Natural Diversity Inventory Project Planning & Environmental Review Form

This form provides site information necessary to perform an Environmental Review for special concern species and resources listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, the Pennsylvania Fish and Boat code or the Pennsylvania Game and Wildlife Code.

Applicant Information

Name: John Fringer

Address: U.S. Nuclear Regulatory Commission, MS T-6C32, WASHINGTON, DC 20555

Phone Number: 301-415-6208

Fax Number: 301-415-5399

Contact Person Information - if different from applicant

Name:

Address:

Phone Number:

Fax Number:

Project Information

Project Name: Bell Bend Nuclear Power Plant-Alternate Site-Seedco

Project Location: 2.5 mi East of Shamokin, PA

Municipality: Coal County: Northumberland

☒ Attach a copy of a U.S.G.S. 7 1/2 Minute Quadrangle Map with Project Boundaries clearly marked.

U.S.G.S. Quad Name: A) Shamokin; B) Mount Carmel

Project Description

Proposed Project Activity (including ALL earth disturbance areas and current conditions)

Location is an alternate site for possible construction of one new nuclear power plant at the Seedco Industrial Park (brownfield site). The area needed for construction is mostly forested and undeveloped. The southern part of the site contains lands formerly used for strip mines. RE: #2 (below), Shamokin Creek and a pond (likely acidic) are ON SITE. THE SUSQUEHANNA RIVER IS ~15 MI. NW OF THE SITE.

Total Acres of Property: 1,061 Acreage to be Impacted: 420

1. Will the entire project occur in or on an existing building, parking lot, driveway, road, maintained road shoulder, street, runway, paved area, railroad bed, or maintained lawn? Yes ☐ No ☒
2. Are there any waterways or waterbodies (intermittent or perennial rivers, streams, creeks, tributaries, lakes or ponds) in or near the project area, or on the land parcel? If so, how many feet away is the project?
Yes ☒ feet No ☐
3. Are wetlands located in or within 300 feet of the project area? Yes ☐ No ☒ If No, is this the result of a wetland delineation? no

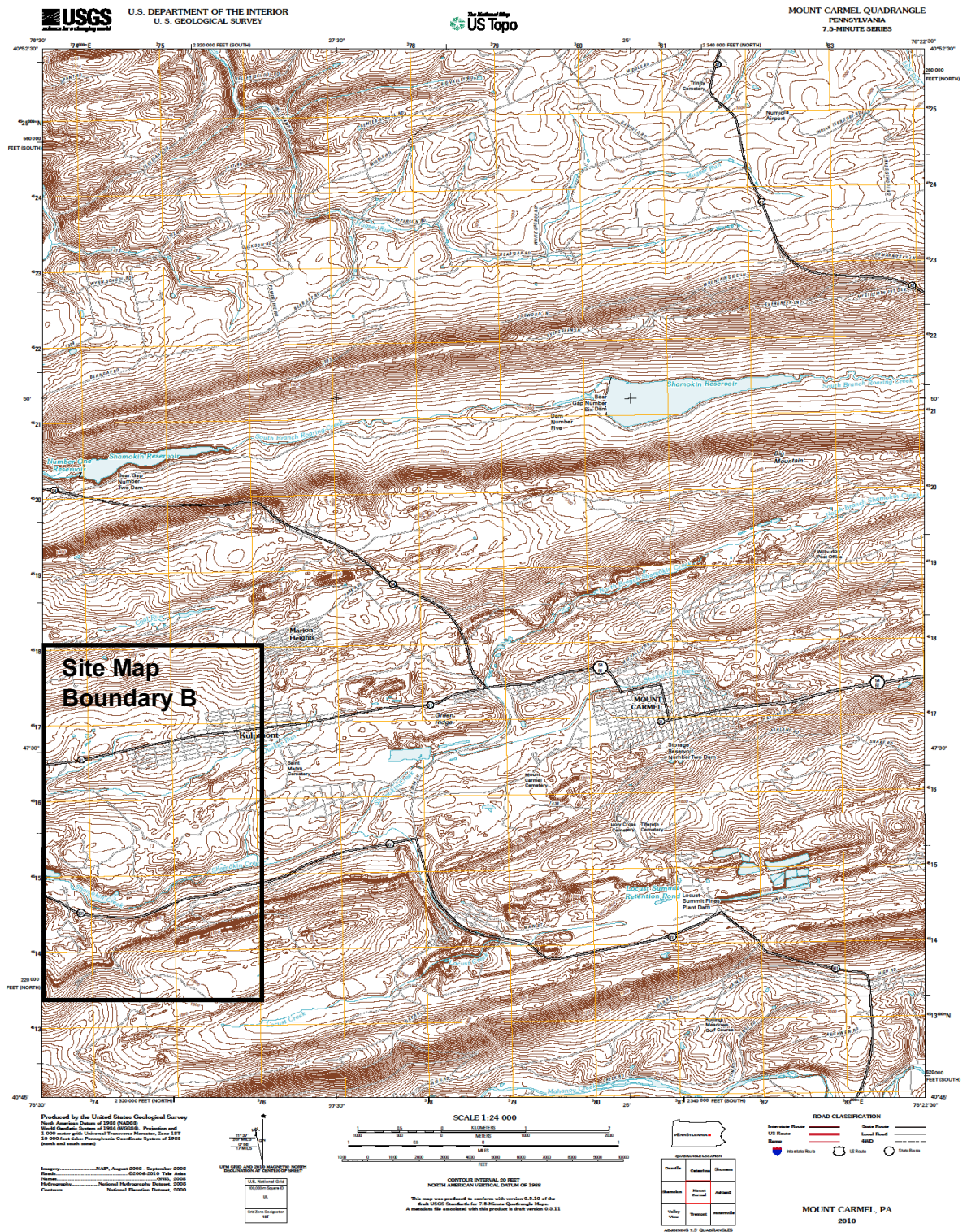
If you have a "PNDI Project Environmental Review Receipt" with potential impacts, please send a receipt copy, this completed form, and a USGS Quad Map to the agency/agencies noted on the receipt. If you are unable to generate a PNDI Receipt because you do not have Internet access, complete this form, attach a USGS Quad Map, and send them to your local DEP or County Conservation District. For review of a "Large Project," please send form and map to all the agencies listed below. See page 2 for more information.

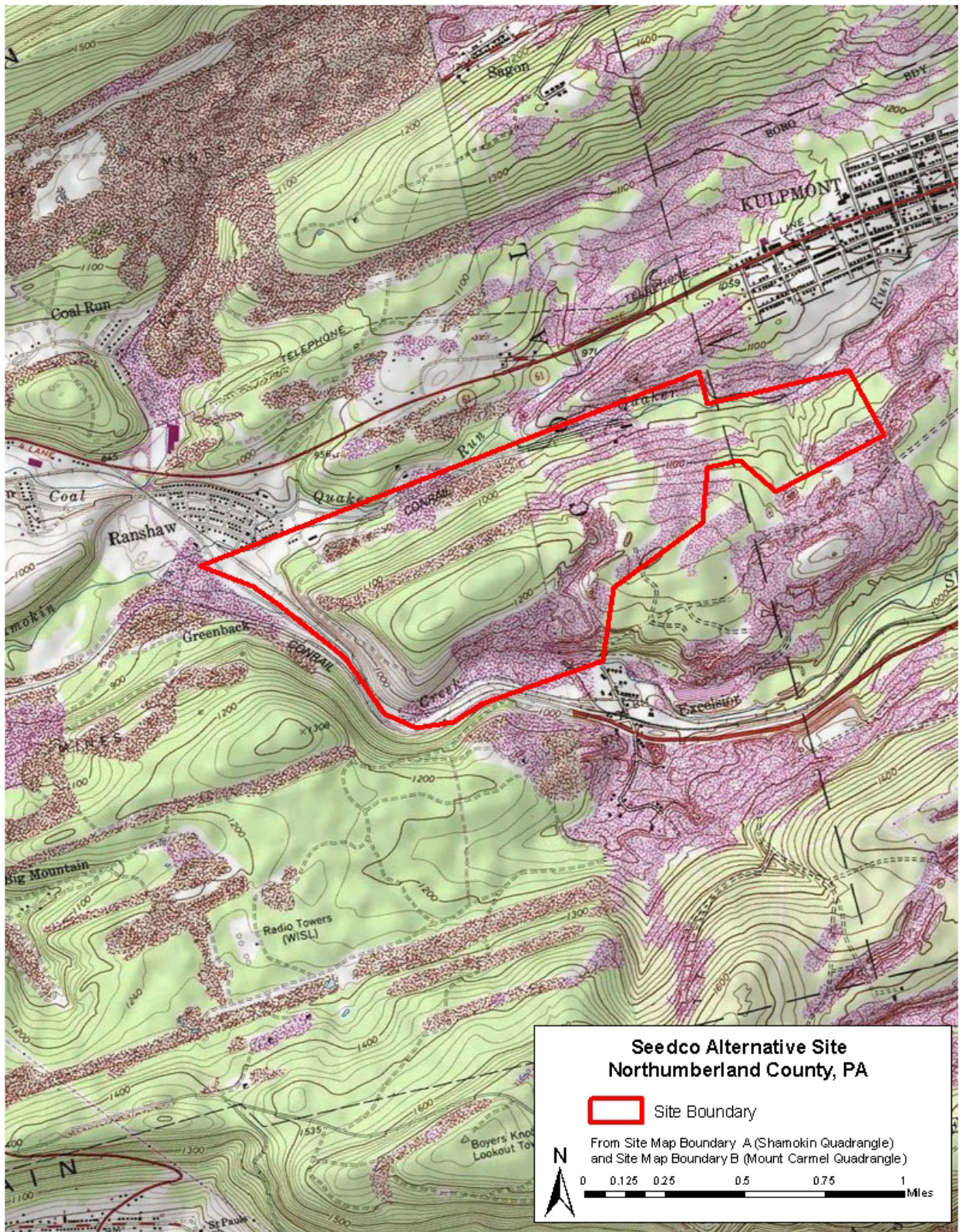
Dept. of Conservation and Natural Resources
Bureau of Forestry, Ecological Services Section
400 Market St., PO Box 8552
Harrisburg, PA 17105
fax: 717-772-0271

PA Game Commission
Bureau of Land Management
2001 Elmerton Avenue
Harrisburg, PA 17110-9797
fax: 717-787-6957

PA Fish and Boat Commission
Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823
fax 814-359-5175

US Fish and Wildlife Service
Endangered Species Biologist
315 South Allen St., Suite 322
State College, PA 16801
no faxes please







Pennsylvania Natural Diversity Inventory Project Planning & Environmental Review Form

This form provides site information necessary to perform an Environmental Review for special concern species and resources listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, the Pennsylvania Fish and Boat code or the Pennsylvania Game and Wildlife Code.

Applicant Information

Name: John Fringer

Address: U.S. Nuclear Regulatory Commission, MS T-6C32, WASHINGTON, DC 20555

Phone Number: 301-415-0491

Fax Number: 301-415-5399

Contact Person Information - if different from applicant

Name:

Address:

Phone Number:

Fax Number:

Project Information

Project Name: Bell Bend Nuclear Power Plant - Alternate Site: MONTOUR, PA

Project Location: 2 MI. NE OF WASHINGTONVILLE, PA; NORTH OF MONTOUR COAL-FIRED POWER PLANT

Municipality: Derry Township County: Montour

☒ Attach a copy of a U.S.G.S. 7 1/2 Minute Quadrangle Map with Project Boundaries clearly marked.

U.S.G.S. Quad Name: Washingtonville

Project Description

Proposed Project Activity (including ALL earth disturbance areas and current conditions)

Location is an alternate site for possible construction of one new nuclear power plant on undeveloped land.

RE: #2(below), the E. Branch Chillisquaque Creek flows through the site; the Middle Branch Chillisquaque Creek flows along the SE boundary of the site. THE MONTOUR PRESERVE LAKE IS LESS THAN 1500 FT. NW OF THE NW CORNER OF THE SITE. THE WEST BRANCH SUSQUEHANNA RIVER IS ~ 1/4 MI. WEST OF THE SITE.

Total Acres of Property: 2500 Acreage to be Impacted: 420

1. Will the entire project occur in or on an existing building, parking lot, driveway, road, maintained road shoulder, street, runway, paved area, railroad bed, or maintained lawn? Yes ☐ No ☒
2. Are there any waterways or waterbodies (intermittent or perennial rivers, streams, creeks, tributaries, lakes or ponds) in or near the project area, or on the land parcel? If so, how many feet away is the project?
Yes ☒ feet No ☐
3. Are wetlands located in or within 300 feet of the project area? Yes ☒ No ☐ If No, is this the result of a wetland delineation?

If you have a "PNDI Project Environmental Review Receipt" with potential impacts, please send a receipt copy, this completed form, and a USGS Quad Map to the agency/agencies noted on the receipt. If you are unable to generate a PNDI Receipt because you do not have Internet access, complete this form, attach a USGS Quad Map, and send them to your local DEP or County Conservation District. For review of a "Large Project," please send form and map to all the agencies listed below. See page 2 for more information.

Dept. of Conservation and Natural Resources
Bureau of Forestry, Ecological Services Section
400 Market St., PO Box 8552
Harrisburg, PA 17105
fax: 717-772-0271

PA Game Commission
Bureau of Land Management
2001 Elmerton Avenue
Harrisburg, PA 17110-9797
fax: 717-787-6967

PA Fish and Boat Commission
Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823
fax 814-359-5175

US Fish and Wildlife Service
Endangered Species Biologist
315 South Allen St., Suite 322
State College, PA 16801
no faxes please

