

PNDI PROJECT ENVIRONMENTAL REVIEW RECEIPT

T. L. Harpster
VP-Bell Bend Project Development

PPL Bell Bend, LLC
38 Bombooy Lane, Suite 2
Berwick, PA 18603
Tel. 570.802.8111; FAX 570.802.8119
tharpster@pplweb.com



September 20, 2010

Ms. Chris Firestone
Pennsylvania Department of Conservation and Natural Resources
Bureau of Forestry
Ecological Services Section
P.O. Box 8552
Harrisburg, PA 17105-8552

**BELL BEND NUCLEAR POWER PLANT
LARGE PROJECT SPECIES
OF SPECIAL CONCERN SCREEN
SALEM TOWNSHIP, LUZERNE COUNTY, PA
BNP-2010-205 Docket No. 52-039**

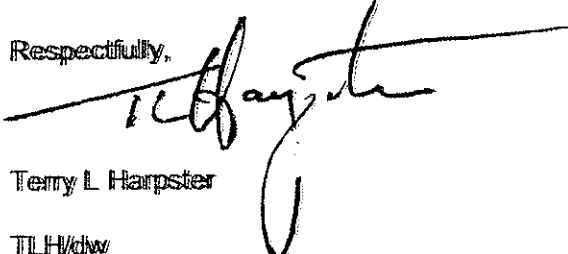
PPL Bell Bend, LLC is conducting an environmental evaluation for a potential nuclear power plant adjacent to the Susquehanna Steam Electric Station (SSES) site in Salem Township, Luzerne County, Pennsylvania. For screening purposes, the project area boundaries as shown on Figure 1 encompass the entire footprint of possible disturbance for the construction and maintenance of a nuclear power plant under consideration for the site, as well as the existing SSES site. The existing active SSES operating unit is within this boundary, but will not be altered. This letter is a follow up to a similar letter sent December 21, 2007 and your response dated March 24, 2008 with a reference PNDI #019535.

PPL Bell Bend, LLC wishes to screen the entire area as shown on Figure 1 for species of special concern under jurisdiction of the Pennsylvania Department of Conservation and Natural Resources. Please provide all current and historical information concerning the occurrence of rare, threatened and endangered species, as well as any other ecological resources of special concern within the project area. In addition, please provide this information for a 0.5-mile buffer surrounding the project area. This latter screen is requested for the purpose of evaluating environmental impacts and compliance with Pennsylvania Department of Environmental Protection regulations (e.g., 25 PA Code Chapter 105.17). A PNDI search form is attached for your use.

If you have any questions or need additional information, please contact Bradley Wise at 610.774.6508 or bawise@pplweb.com.

Thank you for your assistance.

Respectfully,


Terry L. Harpster

TLH/dlw

Enclosures 1) Site Location Map
 2) PNDI Review Form

cc: Ms. Stacey Imboden
Senior Project Manager
U.S. Nuclear Regulatory Commission
11545 Rockville Pike
Rockville, MD 20852

Ms. Jamie Davis
Office of Environmental Programs (3EA30)
U.S. Environmental Protection Agency
1650 Arch Street
Philadelphia, PA 19103-2029

Mr. Tom Shervinskie
Pa Fish & Boat Commission
450 Robinson Lane
Belleville, PA 16823

Ms. Jennifer Kagel
United States Fish & Wildlife Service
Pennsylvania Field Office
315 S. Allen St. #322
State College, PA 16801

Mr. Eugene Trowbridge
Pa Dept Environmental Resources
Northeast Regional Office
2 Public Square
Wilkes-Barre, PA 18711

Ms. Army Elliott
U.S. Army Corps of Engineers - Baltimore District
State College Field Office
1631 South Alherton Street, Suite 102
State College, PA 16801

Ms. Paula B. Ballaron
Susquehanna River Basin Commission
1721 North Front Street
Harrisburg, PA 17102-0425

Mr. Thomas W. Beauduy
Susquehanna River Basin Commission
1721 North Front Street
Harrisburg, PA 17102-0425

bcc: B. A. Wise bawise@pplweb.com
 J. S. Fields jsfields@pplweb.com
 R. Sgarro rsgarro@pplweb.com
 D. Klinch David.Klinch@constellation.com

Enclosure 1

Site Location Map

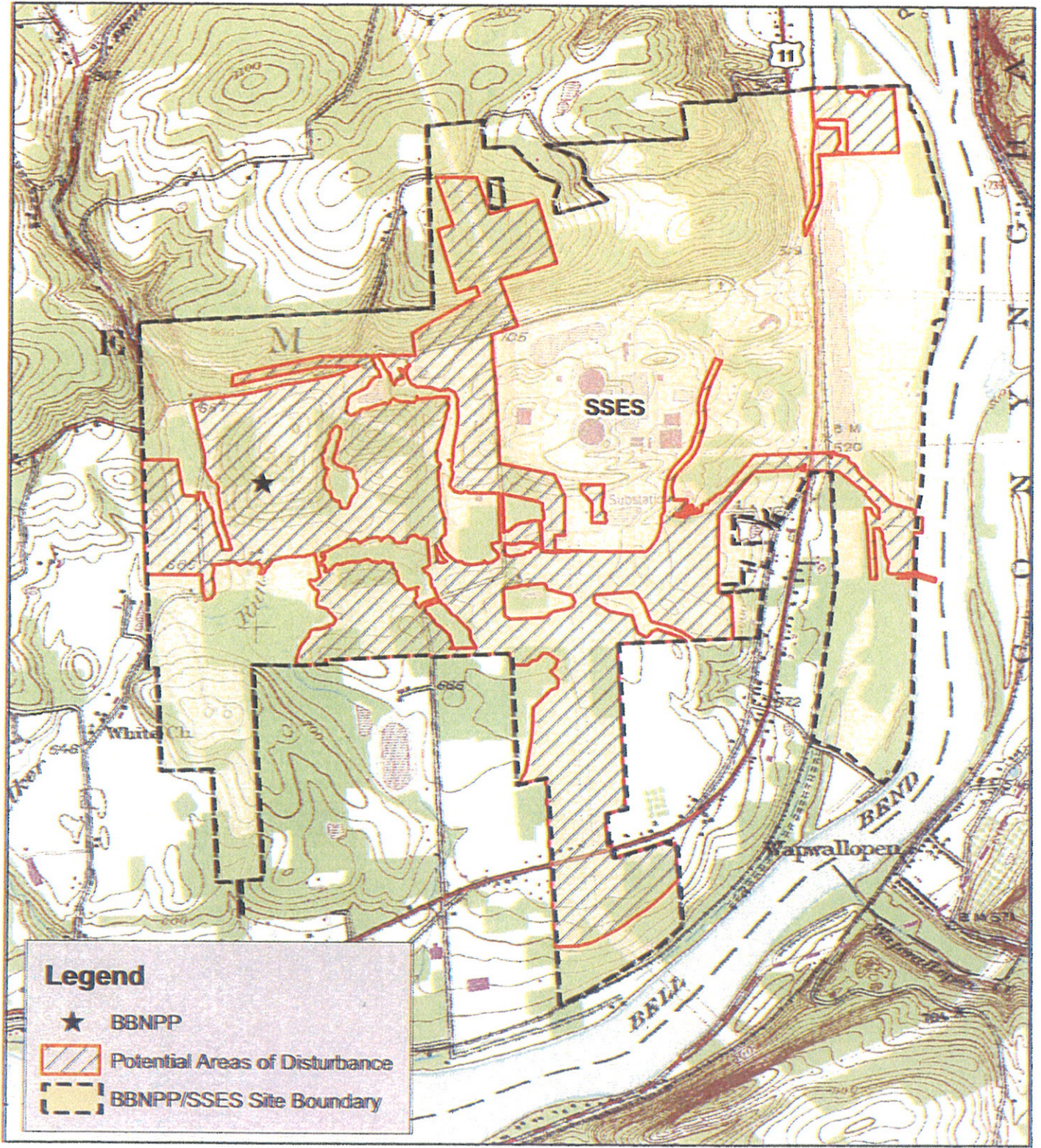


Figure 1.
Bell Bend NPP
Site Location Map



NORMANDEAU ASSOCIATES
ENVIRONMENTAL CONSULTANTS

400 Old Reading Pike, Bldg A, Suite 101 Stowe, PA 19464

date: 07/27/10

prepared by: S. Sherman

project: 21766-004

rev. date:

prepared for: In-les

file name: Figure1_BBNPP_Site_USGS

Enclosure 2

PNDI Review Form



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: PPL Bell Bend, LLC
Address: 38 Bomboy Lane, Suite 2, Berwick, PA 18603
Phone Number: 570.802.8100 Fax Number: 570.802.8119

Contact Person Information - if different from applicant

Name: Bradley A. Wise, Environmental Permitting Supervisor, PPL Bell Bend LLC
Address: Two North Ninth Street (GENPL4), Allentown, PA 18101-1179
Phone Number: (610) 774-6508 Fax Number: (610) 774-2618

Project Information

Project Name: Bell Bend Nuclear Power Plant Project
Project Locations: Lat N 41d 5m 20.7s Lon W 76d 9m 4.5s
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, PA

Project Description

Proposed Project Activity (including All earth disturbance areas and current conditions)
The Bell Bend Nuclear Power Plant Project involves development of a combined license application (COLA) to the U.S. Nuclear Regulatory Commission (NRC) for potential construction and operation of a new nuclear powered steam electric plant adjacent to the Susquehanna Steam Electric Station. In the event a decision is made to develop the plant, associated activities would involve land clearing, grubbing, grading/excavation, and construction of plant and support facilities and structures; landscaping; and subsequent operation and maintenance of plant facilities and grounds. Land use of areas potentially disturbed consists predominantly of active/former farmland and forest, to roadways, and natural vegetation (e.g., shrub-scrub).

Total Acres of Property: 1,700 Acreage to be Impacted: 700 acres (approximately)

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 X
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 X feet 0
3. Are wetlands located in or within 300 feet of the project area? Yes X 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 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: 717-771-0271
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
Belleville, PA 10828
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

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
Attn: Ms. Chris Firestone
PA Dept of Conservation and
Natural Resources
Bureau of Forestry
Ecological Services Section
P.O. Box 8552
Harrisburg PA 17105-8552

2. Article Number
(Transfer from service label)

7009 3410 0000 8705 0206

PS Form 3811, February 2004

Domestic Return Receipt

102505-02-M-1

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X



- Agent
- Addressee

B. Received by (Printed Name)

SAP 22 2010
Date of Delivery

C. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type

- Certified Mail
- Registered
- Insured Mail
- Express Mail
- Return Receipt for Merchandise
- C.O.D.

4. Restricted Delivery? (Extra Fee)

Yes

T. L. Harpster
VP-Bell Bend Project-Development

PPL Bell Bend, LLC
38 Bombooy Lane, Suite 2
Berwick, PA 18603
Tel. 570.802.8111 FAX 570.802.8119
tlharpster@pplweb.com



September 20, 2010

Mr. Christopher A. Urban
Pennsylvania Fish and Boat Commission
Division of Environmental Services
Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823

**BELL BEND NUCLEAR POWER PLANT
LARGE PROJECT SPECIES
OF SPECIAL CONCERN SCREEN
SALEM TOWNSHIP, LUZERNE COUNTY, PA
BNP-2010-206 Docket No. 52-039**

PPL Bell Bend, LLC is conducting an environmental evaluation for a potential nuclear power plant adjacent to the Susquehanna Steam Electric Station (SSES) site in Salem Township, Luzerne County, Pennsylvania. For screening purposes, the project area boundaries as shown on Figure 1 encompass the entire footprint of possible disturbance for the construction and maintenance of a nuclear power plant under consideration for the site, as well as the existing SSES site. The existing active SSES operating unit is within this boundary but will not be altered. This letter is a follow up to a similar letter sent December 21, 2007 and your response dated April 24, 2008 with a reference SIR #27486.

PPL Bell Bend, LLC wishes to screen the entire area as shown on Figure 1 for species of special concern under jurisdiction of the Pennsylvania Department of Conservation and Natural Resources. Please provide all current and historical information concerning the occurrence of rare, threatened and endangered species, as well as any other ecological resources of special concern within the project area. In addition, please provide this information for a 0.5-mile buffer surrounding the project area. This latter screen is requested for the purpose of evaluating environmental impacts and compliance with Pennsylvania Department of Environmental Protection regulations (e.g., 25 PA Code Chapter 105.17). A PNDI search form is attached for your use.

If you have any questions or need additional information, please contact Bradley Wise at 610.774.6508 or bawise@pplweb.com.

Thank you for your assistance.

Respectfully,

Terry L. Harpster

TLH/dw

Enclosures 1) Site Location Map
 2) PNDI Review Form

cc: Ms. Stacey Imboden
Senior Project Manager
U.S. Nuclear Regulatory Commission
11545 Rockville Pike
Rockville, MD 20852

Ms. Jamie Davis
Office of Environmental Programs (3EA30)
U.S. Environmental Protection Agency
1650 Arch Street
Philadelphia, PA 19103-2029

Mr. Tom Shervinskie
Pa Fish & Boat Commission
450 Robinson Lane
Belleville, PA 16823

Ms. Jennifer Kagel
United States Fish & Wildlife Service
Pennsylvania Field Office
315 S. Allen St. #322
State College, PA 16801

Mr. Eugene Trowbridge
Pa Dept Environmental Resources
Northeast Regional Office
2 Public Square
Wilkes-Barre, PA 18711

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

Ms. Paula B. Ballaron
Susquehanna River Basin Commission
1721 North Front Street
Harrisburg, PA 17102-0425

Mr. Thomas W. Beauduy
Susquehanna River Basin Commission
1721 North Front Street
Harrisburg, PA 17102-0425

bcc: B. A. Wise bawise@pplweb.com
 J. S. Fields jsfields@pplweb.com
 R. Sgarro rrsgarro@pplweb.com
 D. Klinch David.Klinch@constellation.com

Enclosure 1

Site Location Map

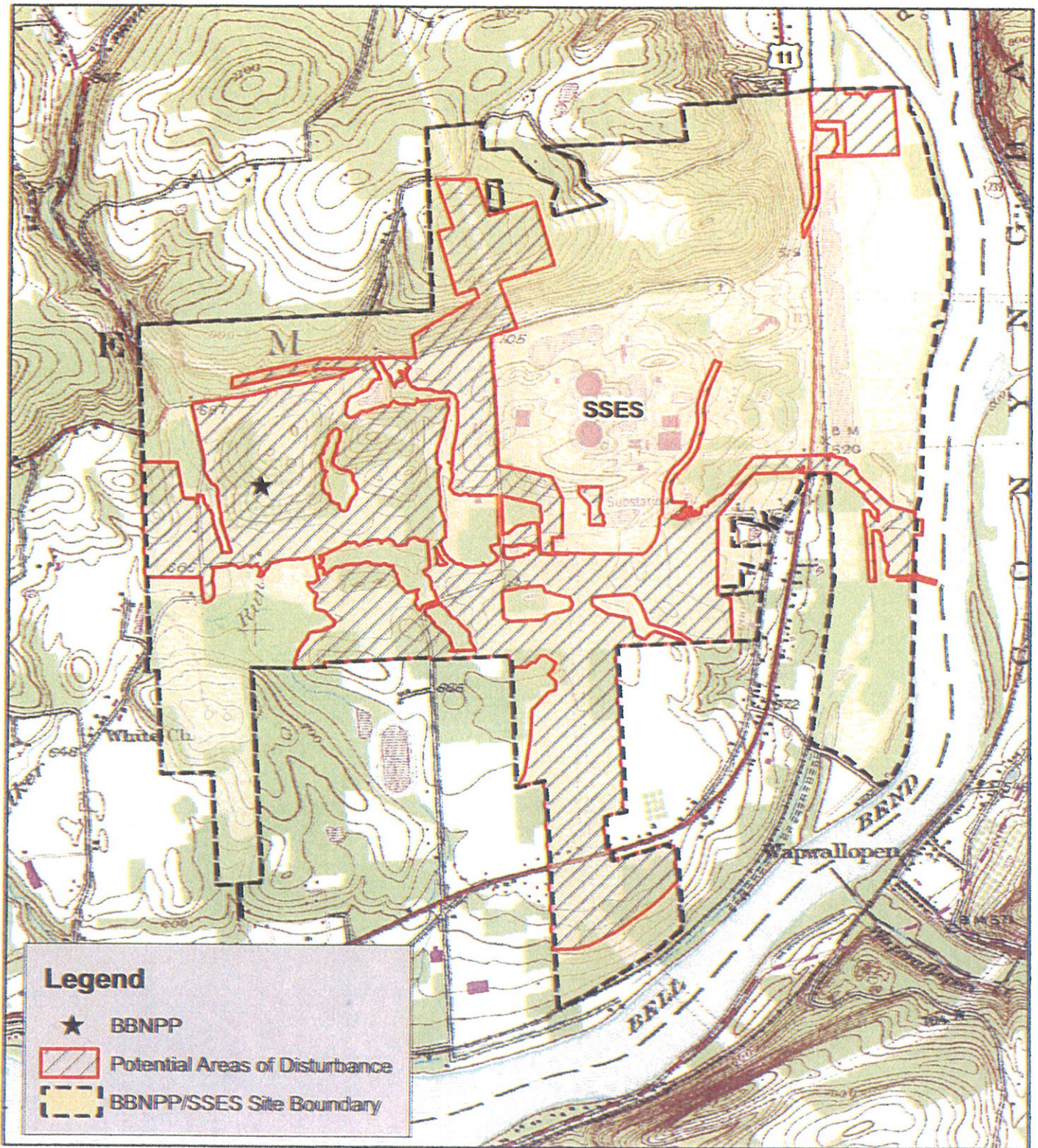


Figure 1.
Bell Bend NPP
Site Location Map



NORMANDEAU ASSOCIATES
ENVIRONMENTAL CONSULTANTS
400 Old Reading Pike, Bldg A, Suite 101 Stowe, PA 19464

date: 07/27/10
prepared by: s. sherman
project: 21796.004

rev. date:
prepared for: b. lewis
file name: Figure1.BBNPP_Site_USGS

Enclosure 2
PNDI Review Form



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: PPL Bell Bend, LLC
Address: 38 Bomboy Lane, Suite 2, Berwick, PA 18603
Phone Number: 570.802.8100 Fax Number: 570.802.8119

Contact Person Information - if different from applicant

Name: Bradley A. Wise, Environmental Permitting Supervisor, PPL Bell Bend LLC
Address: Two North Ninth Street (GENPL4), Allentown, PA 18101-1179
Phone Number: (610) 774-6508 Fax Number: (610) 774-2618

Project Information

Project Name: Bell Bend Nuclear Power Plant Project
Project Locations: Lat N 41d 5m 20.7s Lon W 76d 9m 4.5s
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, PA

Project Description

Proposed Project Activity (including All earth disturbance areas and current conditions)
The Bell Bend Nuclear Power Plant Project involves development of a combined license application (COLA) to the U.S. Nuclear Regulatory Commission (NRC) for potential construction and operation of a new nuclear powered steam electric plant adjacent to the Susquehanna Steam Electric Station. In the event a decision is made to develop the plant, associated activities would involve land clearing, grubbing, grading/excavation, and construction of plant and support facilities and structures; landscaping; and subsequent operation and maintenance of plant facilities and grounds. Land use of areas potentially disturbed consists predominantly of active/former farmland and forest, to roadways, and natural vegetation (e.g., shrub-scrub).

Total Acres of Property: 1,700 Acreage to be Impacted: 700 acres (approximately)

1. Will the entire project occur in or on an existing building parking lot, driveway, road, unmaintained road shoulder, street, runway, paved area, railroad bed, or maintained lawn? Yes No X
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 X feet 0
3. Are wetlands located in or within 300 feet of the project area? Yes X 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 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: 717-771-0271
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 16828
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

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Attn: Mr. Christopher A. Urban
PA Fish and Boat Commission
Division of Environmental Services
Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823

2. Article Number

(Transfer from service label)

7009 3410 0000 8705 0190

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Karl Lutz

Agent

Addressee

B. Received by (Printed Name)

Karl Lutz

C. Date of Delivery

9-23-10

D. Is delivery address different from item 1?

Yes

If YES, enter delivery address below:

No

3. Service Type

Certified Mail

Express Mail

Registered

Return Receipt for Merchandise

Insured Mail

C.O.D.

4. Restricted Delivery? (Extra Fee)

Yes

T. L. Harpster
VP-Bell Bend Project-Development

PPL Bell Bend, LLC
38 Bombooy Lane, Suite 2
Berwick, PA 18603
Tel. 570.802.8111 FAX 570.802.8119
tlharpster@pplweb.com



September 20, 2010

Ms. Tracey Librandi Mumma
Pennsylvania Game Commission
Bureau of Land Management
Division of Environmental Planning and Habitat Protection
2001 Elmerton Avenue
Harrisburg, PA 17110-9797

**BELL BEND NUCLEAR POWER PLANT
LARGE PROJECT SPECIES
OF SPECIAL CONCERN SCREEN
SALEM TOWNSHIP, LUZERNE COUNTY, PA
BNP-2010-207 Docket No. 52-039**

PPL Bell Bend, LLC is conducting an environmental evaluation for a potential nuclear power plant adjacent to the Susquehanna Steam Electric Station (SSES) site in Salem Township, Luzerne County, Pennsylvania. For screening purposes, the project area boundaries as shown on Figure 1 encompass the entire footprint of possible disturbance for the construction and maintenance of a nuclear power plant under consideration for the site, as well as the existing SSES site. The existing active SSES operating unit is within this boundary but will not be altered. This letter is a follow up to a similar letter sent December 21, 2007 and your response dated April 10, 2008.

PPL Bell Bend, LLC wishes to screen the entire area as shown on Figure 1 for species of special concern under jurisdiction of the Pennsylvania Game Commission. Please provide all current and historical information concerning the occurrence of rare, threatened and endangered species, as well as any other ecological resources of special concern within the project area. In addition, please provide this information for a 0.5-mile buffer surrounding the project area. This latter screen is requested for the purpose of evaluating environmental impacts and compliance with Pennsylvania Department of Environmental Protection regulations (e.g., 25 PA Code Chapter 105.17). A PNDI search form is attached for your use.

If you have any questions or need additional information, please contact Bradley Wise at 610.774.6508 or bawise@pplweb.com.

Thank you for your assistance.

Respectfully,

A handwritten signature in black ink, appearing to read "T. L. Harpster", is written over a large, stylized loop that extends downwards from the signature line.

Terry L Harpster

TLH/dw

Enclosures 1) Site Location Map
 2) PNDI Review Form

cc: Ms. Stacey Imboden
Senior Project Manager
U.S. Nuclear Regulatory Commission
11545 Rockville Pike
Rockville, MD 20852

Ms. Jamie Davis
Office of Environmental Programs (3EA30)
U.S. Environmental Protection Agency
1650 Arch Street
Philadelphia, PA 19103-2029

Mr. Tom Shervinskie
Pa Fish & Boat Commission
450 Robinson Lane
Belleville, PA 16823

Ms. Jennifer Kagel
United States Fish & Wildlife Service
Pennsylvania Field Office
315 S. Allen St. #322
State College, PA 16801

Mr. Eugene Trowbridge
Pa Dept Environmental Resources
Northeast Regional Office
2 Public Square
Wilkes-Barre, PA 18711

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

Ms. Paula B. Ballaron
Susquehanna River Basin Commission
1721 North Front Street
Harrisburg, PA 17102-0425

Mr. Thomas W. Beaudry
Susquehanna River Basin Commission
1721 North Front Street
Harrisburg, PA 17102-0425

bcc: B. A. Wise bawise@pplweb.com
 J. S. Fields jsfields@pplweb.com
 R. Sgarro rrsgarro@pplweb.com
 D. Klinch David.Klinch@constellation.com

Enclosure 1

Site Location Map

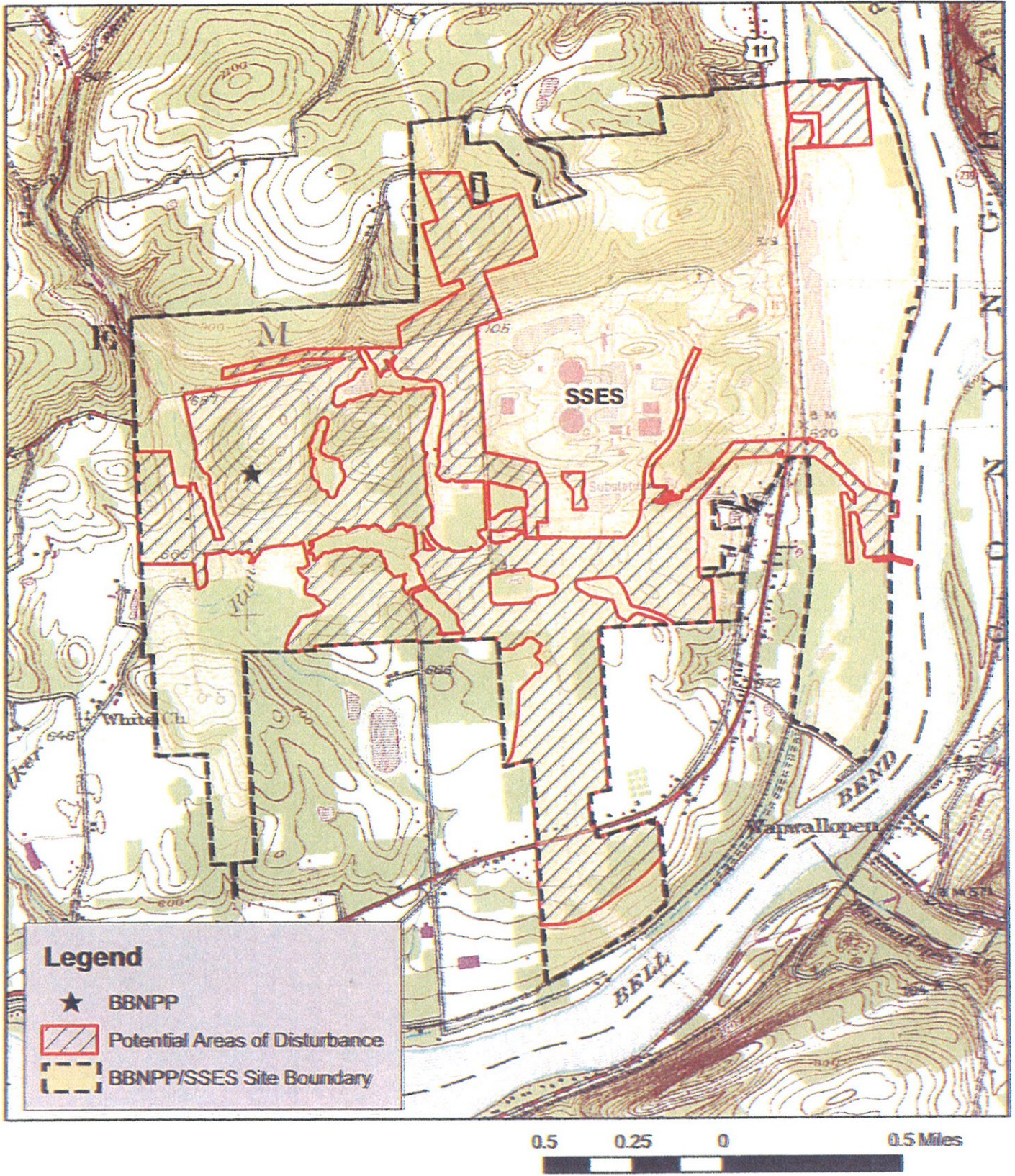


Figure 1.
**Bell Bend NPP
Site Location Map**



**NORMANDEAU ASSOCIATES
ENVIRONMENTAL CONSULTANTS**

400 Old Reading Pike, Bldg A, Suite 101 Stowe, PA 19464

date: 07/27/10

prepared by: s.sherman

project: 21766.004

rev: date:

prepared for: h.iles

file name: Figure1.BBNPP_Site_USGS

Enclosure 2
PNDI Review Form



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: PPL Bell Bend, LLC
Address: 38 Bombooy Lane, Suite 2, Berwick, PA 18603
Phone Number: 570.802.8100 Fax Number: 570.802.8119

Contact Person Information - if different from applicant

Name: Bradley A. Wise, Environmental Permitting Supervisor, PPL Bell Bend LLC
Address: Two North Ninth Street (GENPL4), Allentown, PA 18101-1179
Phone Number: (610) 774-6508 Fax Number: (610) 774-2618

Project Information

Project Name: Bell Bend Nuclear Power Plant Project
Project Locations: Lat N 41d 5m 20.7s Lon W 76d 9m 4.5s
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, PA

Project Description

Proposed Project Activity (including All earth disturbance areas and current conditions)
The Bell Bend Nuclear Power Plant Project involves development of a combined license application (COLA) to the U.S. Nuclear Regulatory Commission (NRC) for potential construction and operation of a new nuclear powered steam electric plant adjacent to the Susquehanna Steam Electric Station. In the event a decision is made to develop the plant, associated activities would involve land clearing, grubbing, grading/excavation, and construction of plant and support facilities and structures; landscaping; and subsequent operation and maintenance of plant facilities and grounds. Land use of areas potentially disturbed consists predominantly of active/former farmland and forest, to roadways, and natural vegetation (e.g., shrub-scrub).

Total Acres of Property: 1,700 Acreage to be Impacted: 700 acres (approximately)

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 0
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 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: 717-771-0271
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 16828
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

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature <input checked="" type="checkbox"/> <i>K. King</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to: <i>Attn: Ms. Tracey Librand Murray</i> <i>PA Game Commission</i> <i>Bureau of Land Development</i> <i>Division of Environmental Planning</i> <i>and Habitat Protection</i> <i>2001 Elmerton Ave.</i> <i>Harrisburg, PA 17110-9797</i>	B. Received by (<i>Printed Name</i>)	C. Date of Delivery <i>9-22-11</i>
2. Article Number <i>(Transfer from service it)</i>	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> G.O.D.	
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
PS Form 3811, February 2004 Domestic Return Receipt 102585-02-1		

T. L. Harpster
VP-Bell Bend Project-Development

PPL Bell Bend, LLC
38 Bomboy Lane, Suite 2
Berwick, PA 18603
Tel. 570.802.8111 FAX 570.802.8119
tlharpster@pplweb.com



September 20, 2010

Ms. Pamela Shellenberger
U. S. Fish and Wildlife Service
Endangered Species Section
315 South Allen Street, Suite 322
State College, PA 16801

**BELL BEND NUCLEAR POWER PLANT
LARGE PROJECT SPECIES
OF SPECIAL CONCERN SCREEN
SALEM TOWNSHIP, LUZERNE COUNTY, PA
BNP-2010-208 Docket No. 52-039**

PPL Bell Bend, LLC is conducting an environmental evaluation for a potential nuclear power plant adjacent to the Susquehanna Steam Electric Station (SSES) site in Salem Township, Luzerne County, Pennsylvania. For screening purposes, the project area boundaries as shown on Figure 1 encompass the entire footprint of possible disturbance for the construction and maintenance of a nuclear power plant under consideration for the site, as well as the existing SSES site. The existing active SSES operating unit is within this boundary but will not be altered. This letter is a follow up to a similar letter sent March 26, 2008 and your agency's response dated April 21, 2008 with a reference USFWS Project #2008-0518.

Please note that the project team has initiated consultation with USFWS with respect to the project's impacts to Indiana bat at the proposed BBNPP.

PPL Bell Bend, LLC wishes to screen the entire area as shown on Figure 1 for species of special concern under jurisdiction of the U. S. Fish and Wildlife Service. Please provide all current and historical information concerning the occurrence of Federally-listed and proposed threatened and endangered species; designated and proposed critical habitats; and any other ecological resources of special concern within the project area. This information may be used in future consultations with your agency under Section 7 of the Endangered Species Act.

In addition, please provide this information for a 0.5-mile buffer surrounding the project area. This latter screen is requested for the purpose of evaluating environmental impacts and compliance with Pennsylvania Department of Environmental Protection regulations (e.g., 25 PA Code Chapter 105.17). A PNDI search form is attached for your use.

If you have any questions or need additional information, please contact Bradley Wise at 610.774.6508 or bawise@pplweb.com.

Thank you for your assistance.

Respectfully,

Terry L Harpster

TLH/dw

Enclosures 1) Site Location Map
 2) PNDI Review Form

cc: Ms. Stacey Imboden
Senior Project Manager
U.S. Nuclear Regulatory Commission
11545 Rockville Pike
Rockville, MD 20852

Ms. Jamie Davis
Office of Environmental Programs (3EA30)
U.S. Environmental Protection Agency
1650 Arch Street
Philadelphia, PA 19103-2029

Mr. Tom Shervinskie
Pa Fish & Boat Commission
450 Robinson Lane
Bellefonte, PA 16823

Ms. Jennifer Kagel
United States Fish & Wildlife Service
Pennsylvania Field Office
315 S. Allen St. #322
State College, PA 16801

Mr. Eugene Trowbridge
Pa Dept Environmental Resources
Northeast Regional Office
2 Public Square
Wilkes-Barre, PA 18711

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

Ms. Paula B. Ballaron
Susquehanna River Basin Commission
1721 North Front Street
Harrisburg, PA 17102-0425

Mr. Thomas W. Beaudry
Susquehanna River Basin Commission
1721 North Front Street
Harrisburg, PA 17102-0425

bcc: B. A. Wise bawise@pplweb.com
J. S. Fields jsfields@pplweb.com
R. Sgarro rrsgarro@pplweb.com
D. Klinch David.Klinch@constellation.com

Enclosure 1

Site Location Map

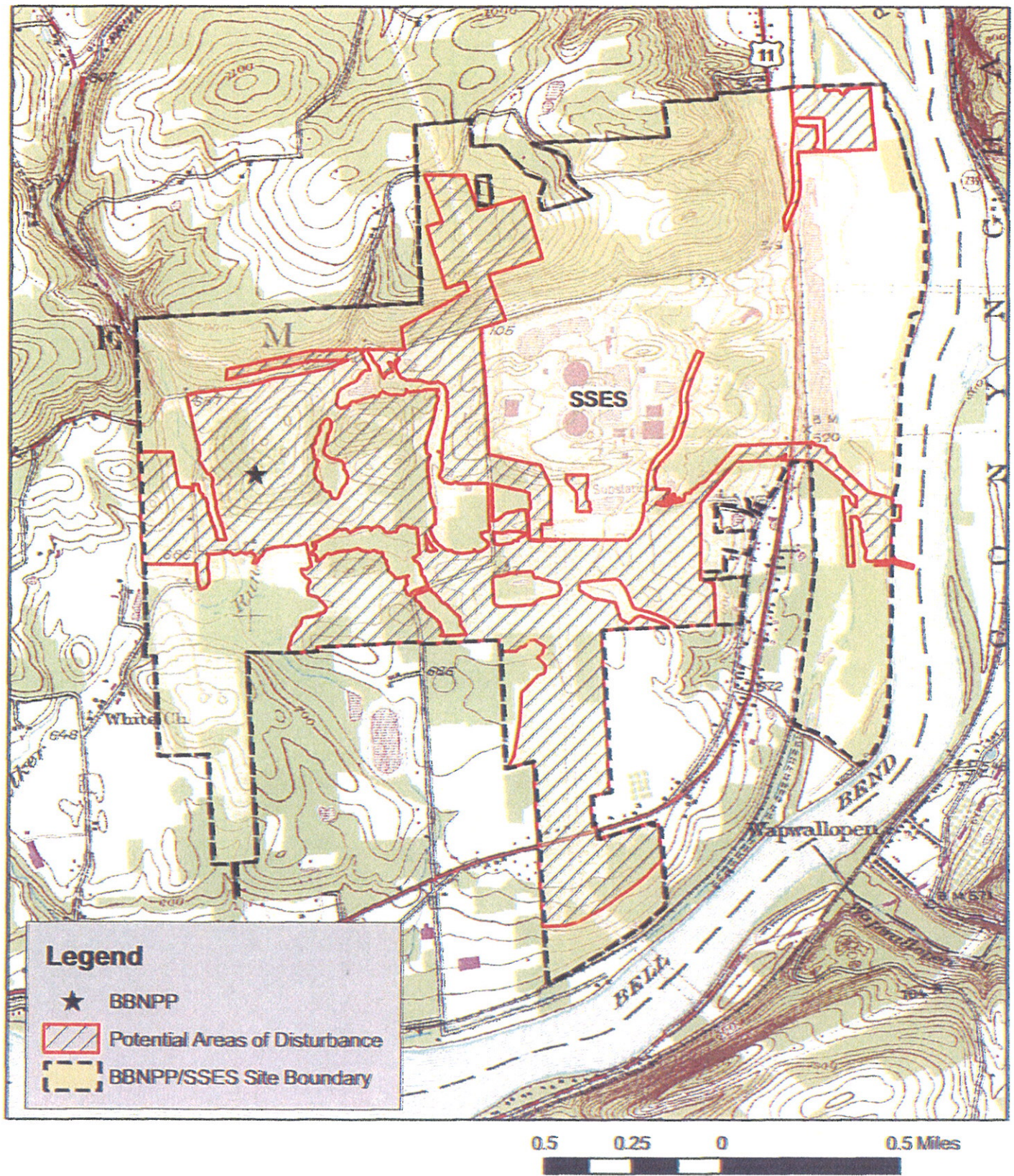


Figure 1.
Bell Bend NPP
Site Location Map



NORMANDEAU ASSOCIATES
ENVIRONMENTAL CONSULTANTS
400 Old Reading Pike, Bldg A, Suite 101 Stowe, PA 19464

date: 07/27/10
prepared by: s.sherman
project: 21766.004

rev. date:
prepared for: b.lee
file name: Figure1.BBNPP_Site_US/GS

Enclosure 2

PNDI Review Form



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: PPL Bell Bend, LLC
Address: 38 Bomboy Lane, Suite 2, Berwick, PA 18603
Phone Number: 570.802.8100 Fax Number: 570.802.8119

Contact Person Information - if different from applicant

Name: Bradley A. Wise, Environmental Permitting Supervisor, PPL Bell Bend LLC
Address: Two North Ninth Street (GENPL4), Allentown, PA 18101-1179
Phone Number: (610) 774-6508 Fax Number: (610) 774-2618

Project Information

Project Name: Bell Bend Nuclear Power Plant Project
Project Locations: Lat N 41d 5m 20.7s Lon W 76d 9m 4.5s
Municipality: Salem Towship 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, PA

Project Description

Proposed Project Activity (including All earth disturbance areas and current conditions)
The Bell Bend Nuclear Power Plant Project involves development of a combined license application (COLA) to the U.S. Nuclear Regulatory Commission (NRC) for potential construction and operation of a new nuclear powered steam electric plant adjacent to the Susquehanna Steam Electric Station. In the event a decision is made to develop the plant, associated activities would involve land clearing, grubbing, grading/excavation, and construction of plant and support facilities and structures; landscaping; and subsequent operation and maintenance of plant facilities and grounds. Land use of areas potentially disturbed consists predominantly of active/former farmland and forest, to roadways, and natural vegetation (e.g., shrub-scrub).

Total Acres of Property: 1,700 Acreage to be Impacted: 700 acres (approximately)

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 X
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 X feet 0
3. Are wetlands located in or within 300 feet of the project area? Yes X 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 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: 717-771-0271
PA Game Commission
Bureau of Land Management
2601 Elmerton Avenue
Harrisburg, PA 17110-9797
fax: 717-787-6957

PA Fish and Boat Commission
Natural Diversity Section
430 Robinson Lane
Belleville, PA 16828
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

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece or on the front if space permits.

1. Article Addressed to:

Attn: Ms. Pamela Shellenberger
U.S. Fish and Wildlife Service
Endangered Species section
315 South Allen St. Suite 322
State College, PA 16801

2. Article Number

7009 3410 0000 8705 0176

(Transfer from service entry)

COMPLETE THIS SECTION ON DELIVERY

A. Signature

[Signature] Agent Addressee

B. Received by (Printed Name)

Dianne B. Hees

C. Date of Delivery

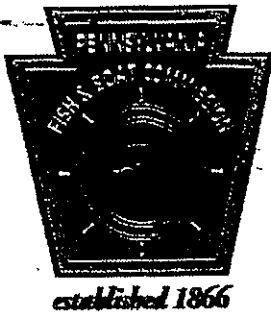
9/23/01

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type

- Certified Mail Express Mail
- Registered Return Receipt for Merchandise
- Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes



Pennsylvania Fish & Boat Commission

RECEIVED OCT 25 2010

Division of Environmental Services
Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823-9620
(814) 359-5237 Fax: (814) 359-5175

October 14, 2010

IN REPLY REFER TO
SIR# 35087

BRADLEY WISE
PPL
TWO NORTH NINTH ST
BERWICK, PA 18603

RE: **Species Impact Review (SIR) – Rare, Candidate, Threatened and Endangered Species**
BELL BEND NUCLEAR POWER PLANT
UPDATE TO SIR 27486
SALEM Township, LUZERNE County, Pennsylvania

Dear Mr. WISE:

I have examined the map accompanying your recent correspondence, which shows the location for the above referenced project. Based on records maintained in the Pennsylvania Natural Diversity Inventory (PNDI) database and our own files, the following rare or protected species are known from the vicinity of the project site:

<u>Common Name</u>	<u>Scientific Name</u>	<u>PA Status</u>
Northern cricket frog	<i>Acris crepitans</i>	endangered
Yellow lampmussel	<i>Lampsilis cariosa</i>	rare
Green floater	<i>Lasmigona subviridis</i>	rare

The Northern cricket frog is a small (less than 2") frog species found in a wide variety of habitats including permanent bodies of water such as slow-moving streams, ponds, lakes, marshes, bogs, and swamps, but also semi-permanent ponds and seasonal forest pools. Breeding occurs from May to August with metamorphosed froglets emerging July to September. The Northern cricket frog occurs in small, isolated populations in eastern Pennsylvania. These small populations are threatened by pollution, and filling/clearing of wetlands and breeding habitat.

If wetlands, waterways, or vernal pools are to be directly or indirectly impacted by the project activity, we will need to conduct a more thorough evaluation of the potential adverse impacts to the northern cricket frog. Please provide us with the following information to assist us with our review: detailed project plans including a project narrative, identification and delineation of wetlands or streams within the direct and indirect impact area, and color photographs (dated, labeled, and keyed to a map) of wetlands, vernal pools, or waterways expected to be impacted. A habitat assessment or presence/absence survey may be requested for the species of concern.

Freshwater mussels are the most imperiled taxonomic group in North America. Nearly half of the species known to occur in the Commonwealth are now extirpated (locally extinct) from Pennsylvania. We

Our Mission:

www.fish.state.pa.us

To protect, conserve and enhance the Commonwealth's aquatic resources and provide fishing and boating opportunities.

SIR #35087.

WISE

Page 2

are concerned about direct and indirect (i.e., runoff) effects that the proposed project may have on the species of concern. Freshwater mussel species are extremely vulnerable to physical (i.e., siltation, dredging, trenching, rip-rap) and chemical (i.e., pH, temperature, dissolved oxygen, organic contaminants, heavy metals) changes to their aquatic environment. Therefore, we recommend construction techniques that eliminate in-stream work, sedimentation and changes to water quality. I recommend that you avoid any in-stream disturbance or water quality degradation in the Susquehanna River during and after the project installation. Storm sewers and retention basins should be designed so as to minimize/remove all silt from the water before it is released into the river. Strict erosion and sedimentation control measures, as well as best management practices should be employed.

If wetlands or water bodies *are not* to be disturbed by the proposed activity, and provided that best management practices are employed and strict erosion and sedimentation control measures are maintained, I do not foresee any adverse impacts to the species of concern listed above or any other rare or protected species under Pennsylvania Fish and Boat Commission jurisdiction.

Note that this office performed no field inspection of the project area. Consequently, comments in this letter are not meant to address other issues or concerns that might arise concerning matters under Pennsylvania Fish and Boat Commission jurisdiction or that of other authorities. If you have any questions regarding this response, please contact Kathy Gipe at 814-359-5186 and refer to the SIR number at the top of this letter. Thank you for your cooperation and attention to this matter of nongame species conservation.

Sincerely,



Christopher A. Urban, Chief
Natural Diversity Section

CAU/KDG/mr



RECEIVED NOV 01 2010

BUREAU OF FORESTRY

Date November 1, 2010

PNDI Number: 21008

Terry L. Harpster
PPL Bell Bend, LLC
38 Bomboy Lane, Suite 2
Berwick, PA 18603
FAX: 570-802-8119 (Hard copy will not follow)
Re: Bell Bend Nuclear Power Plant
County: Luzerne Township: Salem

Dear Mr. Harpster,

Thank you for submission of the Pennsylvania Natural Diversity Inventory (PNDI) Environmental Review Receipt Number 21008 for review. PA Department of Conservation and Natural Resources screened this project for potential impacts to species and resources of concern under DCNR's responsibility, which includes plants, terrestrial invertebrates, natural communities, and geologic features only.

There are no plant species or geologic features of concern in your project area. There are two terrestrial invertebrates of concern that were known to be in the project area.

Euphydras phaeton, Baltimore Checkerspot, habitat is wet meadows, bogs, and marshes with flight in June through August. Larval food is Turtlehead, Hairy Beardtongue, English plantain, Foxglove and White Ash and the adult food is nectar from Milkweed, Viburnums and Wild Rose.

Poanes massasolet, Mulberry Wing, habitat is freshwater marshes or bogs with flight in late June through mid August. Larval food is *Carex stricta* and adult food is any flower nectar.

When more detailed project information becomes available, please submit this project to our office for further review of potential impacts to these terrestrial species.

This response represents the most up-to-date summary of the PNDI data files and is valid for one (1) year from the date of this letter. An absence of recorded information does not necessarily imply actual conditions on-site. Should project plans change or additional information on listed or proposed species become available, this determination may be reconsidered. Should the proposed work continue beyond the period covered by this letter, please resubmit the project to this agency as an "Update" (including an updated PNDI receipt, project narrative and accurate map.

This finding applies to impacts to DCNR only. To complete your review of state and federally-listed threatened and endangered species and species of special concern, please be sure the U.S. Fish and Wildlife Service, PA Game Commission, and the Pennsylvania Fish and Boat Commission have been contacted regarding this project as directed by the online PNDI ER Tool found at www.naturalheritage.state.pa.us

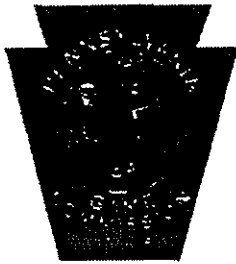
Sincerely,


Richard Shockley, Environmental Review Manager FOR Chris Firestone, Wild Plant Program Mgr.
Ph: 717-772-0263 ~ c-shockley@state.pa.us

conserve

sustain

enjoy



COMMONWEALTH OF PENNSYLVANIA
Pennsylvania Game Commission

**2001 ELMERTON AVENUE
HARRISBURG, PA 17110-8797**

*"To manage all wild birds, mammals and their habitats
for current and future generations."*

ADMINISTRATIVE BUREAUS:

ADMINISTRATION..... 717-787-5678
BIBLIOTHECA..... 717-787-2888
FISCAL MANAGEMENT..... 717-787-7344
CONTRACTS AND
PROCUREMENT..... 717-787-4594
LICENSING..... 717-787-2884
OFFICE SERVICES..... 717-787-2118
WILDLIFE MANAGEMENT..... 717-787-4588
INFORMATION & EDUCATION..... 717-787-4594
WILDLIFE PROTECTION..... 717-787-4588
WILDLIFE HARBOR
MANAGEMENT..... 717-787-4588
RECREATION DIVISION..... 717-787-4588
ADVANCED TECHNOLOGY
SERVICES..... 717-787-4588

www.pgc.state.pa.us

**BUREAU OF WILDLIFE
HABITAT MANAGEMENT
717-787-6818**

December 23, 2010

Large Project Review

RECEIVED DEC 28 2010

Mr. Bradley A. Wise
PPL Bell Bend, LLC
Two North Ninth Street (GENGL4)
Allentown, Pennsylvania 18101-1179

Re: Bell Bend Nuclear Power Plant Project -- Proposed Electrical Plant
Salom Township, Luzerne County, Pennsylvania

Dear Mr. Wise,

Thank you for submitting the Pennsylvania Natural Diversity Inventory (PNDI) Environmental Review Receipt Number Bell Bend Nuclear Power Plant Project for review. The Pennsylvania Game Commission (PGC) screened this project for potential impacts to species and resources of concern under PGC responsibility, which includes birds and mammals only.

Potential Impact Anticipated

PNDI records indicate species or resources of concern are located in the vicinity of the project. The PGC has received and thoroughly reviewed the information that you provided to this office, as well as PNDI data, and has determined that potential impacts to the following endangered species may be associated with your project:

Scientific Name	Common Name	PA Status	Federal Status
<i>Myotis sodalis</i>	Indiana Bat	ENDANGERED	ENDANGERED

Next Steps

Indiana bats are a federally listed endangered species under the jurisdiction of the U.S. Fish and Wildlife Service. As a result, our agency defers comments on potential impacts to Indiana bats to the U.S. Fish and Wildlife Service.

This response represents the most up-to-date summary of the PNDI data files and is valid for one (1) year from the date of this letter. An absence of recorded information does not necessarily

imply actual conditions on site. Should project plans change or additional information on listed or proposed species become available, this determination may be reconsidered.

Should the proposed work continue beyond the period covered by this letter, please resubmit the project to this agency as an "Update" (including an updated PNDI receipt, project narrative and accurate map). If the proposed work has not changed and no additional information concerning listed species is found, the project will be cleared for PNDI requirements under this agency for an additional year.

This finding applies to impacts to birds and mammals only. To complete your review of state and federally-listed threatened and endangered species and species of special concern, please be sure that the U.S. Fish and Wildlife Service, the PA Department of Conservation and Natural Resources, and/or the PA Fish and Boat Commission have been contacted regarding this project as directed by the online PNDI ER Tool found at www.naturalheritage.state.pa.us.

Sincerely,



Olivia A. Braun

Environmental Planner

Division of Environmental Planning & Habitat Protection

Bureau of Wildlife Habitat Management

Phone: 717-787-4250, Extension 3128

Fax: 717-787-6957

e-Mail: OBraun@state.pa.us

A PNHP Partner



Pennsylvania Natural Heritage Program

OAB/omb

cc: Pamela Shellenberger, U.S. Fish & Wildlife Service
Libranda Muzuma, PGC
Dulbeck, PGC
Bazzano, PGC
Bachkowski, PGC
Tunney, PGC
Terry L. Hampster, PPL
File

T. L. Harpster
VP-Bell Bend Project-Development

PPL Bell Bend, LLC
38 Bomboy Lane, Suite 2
Berwick, PA 18603
Tel. 570.802.8111 FAX 570.802.8119
tlharpster@pplweb.com



January 14, 2011

Ms. Kathy Gipe
Pennsylvania Fish and Boat Commission
Division of Environmental Services
Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823

**BELL BEND NUCLEAR POWER PLANT
SIR #35087, SPECIES IMPACT REVIEW
NORTHERN CRICKET FROG
BNP-2011-004 Docket No. 52-039**

References: 1) PAFBC-2010-283, Christopher Urban, PFBC, to Bradley Wise, "Species Impact Review (SIR) – Rare, Candidate, Threatened and Endangered Species, Update to SIR 27486", October 14, 2010

PPL Bell Bend, LLC is providing herein a response to the Commission's correspondence of October 14, 2010 (SIR 35087, update to SIR 27486)(Reference 1). Specifically, PPL is providing information requested by the Commission to aid in the assessment of potential impact to the newly listed as "endangered" Northern cricket frog (*Acris crepitans*).

This letter provides a brief introduction to important characteristics of the project as related to Northern cricket frog habitat and associated impacts at the Bell Bend Nuclear Power Plant (BBNPP) site. Additionally, this letter provides the Commission with two project topical reports on terrestrial fauna (including amphibians) and wetlands at the site, Enclosures 1 and 2 respectively.

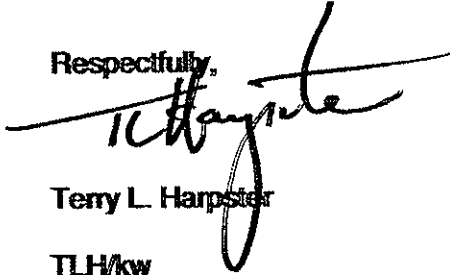
These reports describe the methods and findings of surveys completed between 2007 and 2010, and include faunal observations as well as the locations, types, and characteristics of wetlands and streams at the BBNPP site. As described in the Terrestrial Fauna report, biologists evaluating the BBNPP site reported hearing the call of a Northern cricket frog twice on a single day in November, 2007. The species has not been seen or observed otherwise at the BBNPP site or adjacent lands associated with the Susquehanna Steam Electric Station and Riverlands Nature Preserve. On-going field work by Dr. Brian Mangan of Kings College, and the staff of Ecology III have failed to find this species on-site. The locations of the observations were in the western part of the watershed of Walker Run, as shown in Enclosure 1.

As part of project siting and design, BBNPP has undergone an extensive wetland avoidance and minimization program, including substantial redesign of major project elements in response and coordination with state and federal regulatory agencies, including the Commission. The development of the project proposes less than 2 acres of direct wetland impact within the 1,991 acres of land supporting project development. In addition to the direct wetlands impacts, vegetation management, primarily associated with transmission line right-of-way maintenance, will permanently convert approximately 9 acres of wetlands from a mixed forested/emergent/scrub community to a low-growing emergent/scrub community. A mitigation

program for BBNPP, developed in coordination with state and federal agencies, including the Commission, provides for stream and wetland restoration and creation to offset unavoidable impacts of the project. The Commission contacts for the BBNPP project have been Tom Shervinskie and Mark Hartle.

Should you have any questions or require additional information, please don't hesitate to Brad Wise of my staff at (610) 774-6508 or bawise@pplweb.com.

Respectfully,



Terry L. Harpster

TLH/kw

- Enclosures: 1) A Field Survey of Terrestrial Fauna at the Proposed Bell Bend Nuclear Power Plant Site Luzerne County, Pennsylvania, Rev. 4, December, 2010 (Provided on DVD)
- 2) Wetlands Delineation and Exceptional Value Wetlands Analysis Report for the Proposed Bell Bend Nuclear Power Plant Site, Rev. 5, November, 2010. (Provided on DVD)

Enclosure 1

**A Field Survey of Terrestrial Fauna at the Proposed Bell Bend Nuclear Power Plant Site
Luzerne County, Pennsylvania, Rev. 4, December, 2010 (Provided on DVD).**

Enclosure 2

Wetlands Delineation and Exceptional Value Wetlands Analysis Report for the Proposed Bell Bend Nuclear Power Plant Site, Rev. 5, November, 2010. (Provided on DVD)

T. L. Harpster
VP- Bell Bend Project-Development

PPL Bell Bend, LLC
38 Bomboy Lane, Suite 2
Berwick, PA 18603
Tel. 570.802.8111 FAX 570.802.8119
tlharpster@pplweb.com



March 4, 2011

Ms. Kathy Gipe
Pennsylvania Fish and Boat Commission
Division of Environmental Services
Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823

**BELL BEND NUCLEAR POWER PLANT
SIR #27486, SPECIES IMPACT REVIEW
FRESHWATER MUSSEL SURVEY
BNP-2011-049 Docket No. 52-039**

References: 1) PAFBC-2010-283, Christopher Urban, PFBC, to Bradley Wise, "Species Impact Review (SIR) – Rare, Candidate, Threatened and Endangered Species, Update to SIR 27486", October 14, 2010

PPL Bell Bend, LLC is providing herein a response to the Commission's correspondence of October 14, 2010 (Reference 1).

In response to your telephone request of February 14, we have enclosed the "Mussel Survey in the Susquehanna River in the Vicinity of the Proposed Bell Bend Nuclear Power Plant Site, Luzerne County, Pennsylvania" prepared by Normandeau Associates. While the survey was performed in October 2007, the report was revised to incorporate a figure change resulting from the Bell Bend Nuclear Power Plant (BBNPP) Plot Plan Change, hence its July 2010 revision date.

Should you have any questions or require additional information, please don't hesitate to contact Brad Wise of my staff at (610) 774-6508 or bawise@pplweb.com.

Respectfully,

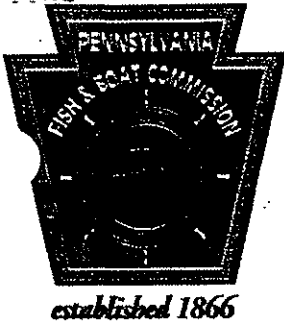
Terry L. Harpster

TLH/kw

Enclosure: Mussel Survey in the Susquehanna River in the Vicinity of the at the Proposed Bell Bend Nuclear Power Plant Site, Luzerne County, Pennsylvania, Rev. 2, July 2010.

Enclosure

**Mussel Survey in the Susquehanna River in the Vicinity of the at the Proposed Bell Bend
Nuclear Power Plant Site, Luzerne County, Pennsylvania, Rev. 2, July 2010**



Pennsylvania Fish & Boat Commission

RECEIVED MAR 14 2011

Division of Environmental Services
Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823-9620
(814) 359-5237 Fax: (814) 359-5175

March 10, 2011

IN REPLY REFER TO
SIR# 35087

BRADLEY WISE
PPL
TWO NORTH NINTH ST
ALLENTOWN, PA 18101

RE: **Secondary Species Impact Review (SIR) #35087**
BELL BEND NUCLEAR POWER PLANT
SALEM Township, LUZERNE County, Pennsylvania

Dear Mr. WISE:

I have examined the map accompanying your recent correspondence, which shows the location for the above referenced project. Based on records maintained in the Pennsylvania Natural Diversity Inventory (PNDI) database and our own files, the following rare or protected species are known from the vicinity of the project site:

<u>Common Name</u>	<u>Scientific Name</u>	<u>PA Status</u>
Northern cricket frog	<i>Acris crepitans</i>	endangered
Yellow lampmussel	<i>Lampsilis cariosa</i>	rare
Green floater	<i>Lasmigona subviridis</i>	rare

You sent additional information related to this project in response to our letter of October 14, 2010. According to our review of the wetland delineation report, the field survey of terrestrial fauna, and the proposed project plan, we do not anticipate adverse impacts from the proposed project to the northern cricket frog, which has not been confirmed on the site.

However, it has come to our attention that the proposed water withdrawal as well as the intake and outfall structures, have the potential to adversely impact the freshwater mussel species of concern. Preliminary mussel surveys confirmed the presence of rare mussels in the project area. These survey results were referenced in the wetland delineation report, but this office has not yet received the survey results. Additional mussel surveys and instream flow analysis are planned in 2011. The results of this work should be forwarded to this office for review of the potential impacts from the proposed project to the Commonwealth's freshwater mussel resources.

Note that this office performed no field inspection of the project area. Consequently, comments in this letter are not meant to address other issues or concerns that might arise concerning matters under Pennsylvania Fish and Boat Commission jurisdiction or that of other authorities. If you have any questions regarding this response, please contact Nevin Welte at 412-586-2334 and refer to the SIR

Our Mission:

www.fish.state.pa.us

To protect, conserve and enhance the Commonwealth's aquatic resources and provide fishing and boating opportunities.

SIR #35087

WISE

Page 2

number at the top of this letter. Thank you for your cooperation and attention to this matter of nongame species conservation.

Sincerely,


Christopher A. Urban, Chief
Natural Diversity Section

CAU/NW/nmr

Cc: Tom Shervinski, PFBC
Mark Hartle, PFBC
Eugene Trowbridge, PADEP
Jennifer Kagel, USFWS