

## **Section D**

### **Cultural Resource Notice**

1. Cultural Resource Form, attachments, and proof of receipt
2. Pennsylvania Historical & Museum Commission (PHMC) Correspondence

#### Status

Detailed archaeological and architectural/historical surveys at and in the vicinity of the Bell Bend Nuclear Power Plant (BBNPP) site have been conducted to support the licensing and permitting of the project. This section provides the cultural resource form and all correspondence with the PHMC to date. Copies of reports produced in association with cultural resource investigations completed to date are included in Appendix C of the Joint Permit Application and are listed below. All work has been completed in coordination with PHMC. PPL Bell Bend, LLC (PPL) continues to comply with PHMC requirements. An additional Phase II evaluation of a single site will be completed in December 2011. PHMC has concluded that there are no architectural site impacts and thus no Criteria of Effects Analysis is needed. Final PHMC clearance is expected in mid-2012 and a final clearance letter will be filed for inclusion in the application record when received.

#### Appendix C Cultural Resource Reference Documents:

1. Final Letter Report Phase Ia Cultural Resources Reconnaissance of PPL Lands in the Vicinity of Susquehanna Steam Electric Station, Luzerne County, Pennsylvania, June 2007.
2. Technical Report Phase Ia Cultural Resources Reconnaissance, Berwick, PA NNP-1 Areas 6, 7, 8 and Confers Lane Parcel, Luzerne County, Pennsylvania, February 2008.
3. Management Summary Phase Ib Cultural Resources Investigation, Bell Bend Nuclear Power Plant, Luzerne County, Pennsylvania, ER 81-0658-079, September 2008.
4. Management Summary, Supplemental Phase Ib Cultural Resources Investigations, Bell Bend Nuclear Power Plant, Luzerne County, Pennsylvania, ER 81-0658-079, November 17, 2008.
5. Addendum Report Second Supplemental Phase Ib Cultural Resources Investigation Power Block Relocation, Bell Bend Nuclear Power Plant, Luzerne County, Pennsylvania, October 8, 2010.
6. Phase I Cultural Resources Investigations and Phase II National Register Site Evaluations Technical Report, Bell Bend Nuclear Power Plant, Luzerne County, Pennsylvania, October 11, 2010<sup>1</sup>.

<sup>1</sup>Contains correspondence with PHMC.

**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](mailto:tlharpster@pplweb.com)



October 12, 2010

Mr. Douglas C McLearen, Chief  
Division of Archeology and Protection  
Pennsylvania Historical and Museum Commission  
Bureau for Historic Preservation  
400 North Street  
Harrisburg, PA 17120-0093

**BELL BEND NUCLEAR POWER PLANT  
CULTURAL RESOURCE NOTICE FORM  
BNP-2010-253      Docket No. 52-039**

Enclosed please find a Cultural Resource Notice Form for the PPL Bell Bend Nuclear Power Plant Site along with a listing of the Cultural Resource studies performed to date on-site. This information is provided as part of the process for submitting an NPDES Permit for Stormwater Associated with Construction Activities.

Please do not hesitate to contact Brad Wise of our staff [610-774-6508 or [bawise@pplweb.com](mailto:bawise@pplweb.com)] directly with any additional needs or questions.

Respectfully,

A handwritten signature in black ink, appearing to read "T. Harpster", is written over the name "Terry L Harpster". The signature is fluid and cursive, with a long horizontal stroke extending to the left.

Terry L Harpster

TLH/kw

Enclosure: 1) Cultural Resource Notice Form

cc: (w/ Enclosures)

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

bcc: B. A. Wise [bawise@pplweb.com](mailto:bawise@pplweb.com)  
J. S. Fields [jsfields@pplweb.com](mailto:jsfields@pplweb.com)  
R. Sgarro [rrsgarro@pplweb.com](mailto:rrsgarro@pplweb.com)  
D. Klinch [David.Klinch@constellation.com](mailto:David.Klinch@constellation.com)  
J. Mullen [JMullen@Pennoni.com](mailto:JMullen@Pennoni.com)  
V. Kelly [jkelly@pplweb.com](mailto:jkelly@pplweb.com)

Enclosure 1

Cultural Resource Notice Form

**CULTURAL RESOURCE NOTICE****Read the instructions before completing this form.****SECTION A. APPLICANT IDENTIFIER**Applicant Name Terry L. Harpster, PPL Bell Bend LLCStreet Address 38 Bomboy Lane, Suite 2City Berwick State PA Zip 18603Telephone Number 570-802-8111Project Title Bell Bend Nuclear Power Plant (BBNPP)**SECTION B. LOCATION OF PROJECT**Municipality Berwick, Salem Township County Name Luzerne DEP County Code 40**SECTION C. PERMITS OR APPROVALS**Name of Specific DEP Permit or Approval Requested: Chapter 105 Water Obstruction & Encroachment Permit

Anticipated federal permits:

- |   |   |
|---|---|
| <input type="checkbox"/> Surface Mining                             | <input checked="" type="checkbox"/> 404 Water Quality Permit  |
| <input checked="" type="checkbox"/> Army Corps of Engineers         | <input type="checkbox"/> Federal Energy Regulatory Commission |
| <input checked="" type="checkbox"/> 401 Water Quality Certification | <input checked="" type="checkbox"/> Other: <u>NRC COL</u>     |

**SECTION D. GOVERNMENT FUNDING SOURCES**

- |  |  |
|--|--|
| <input type="checkbox"/> State: (Name) _____   | <input type="checkbox"/> Local: (Name) _____ |
| <input type="checkbox"/> Federal: (Name) _____ | <input type="checkbox"/> Other: (Name) _____ |

**SECTION E. RESPONSIBLE DEP REGIONAL, CENTRAL, DISTRICT MINING or OIL & GAS MGMT OFFICE**DEP Regional Office Responsible for Review of Permit Application ☐ Central Office (Harrisburg)

- |  |  |
|--|--|
| <input type="checkbox"/> Southeast Regional Office (Norristown)    | <input checked="" type="checkbox"/> Northeast Regional Office (Wilkes-Barre) |
| <input type="checkbox"/> Southcentral Regional Office (Harrisburg) | <input type="checkbox"/> Northcentral Regional Office (Williamsport)         |
| <input type="checkbox"/> Southwest Regional Office (Pittsburgh)    | <input type="checkbox"/> Northwest Regional Office (Meadville)               |
| <input type="checkbox"/> District Mining Office: _____             | <input type="checkbox"/> Oil & Gas Office: _____                             |

**SECTION F. RESPONSIBLE COUNTY CONSERVATION DISTRICT, if applicable.**

County Conservation District Telephone Number, if known

Luzerne (570) 674-7991**SECTION G. CONSULTANT**Consultant, if applicable GAI Consultants, Inc.Street Address 385 E. Waterfront DriveCity Homestead State PA Zip 15120-5005Telephone Number 412-476-2000

**SECTION H. PROJECT BOUNDARIES AND DESCRIPTION****REQUIRED**

Indicate the total acres in the property under review. Of this acreage, indicate the total acres of earth disturbance for the proposed activity.

Attach a 7.5' U.S.G.S. Map indicating the defined boundary of the proposed activity.

Attach photographs of any building over 50 years old. Indicate what is to be done to all buildings in the project area.

Attach a narrative description of the proposed activity.

Attach the return receipt of delivery of this notice to the Pennsylvania Historical and Museum Commission.

**REQUESTED**

Attach photographs of any building over 40 years old.

Attach site map, if available.

**SECTION I. SIGNATURE BLOCK**

<p>_____ Applicant's Signature</p>	<p><u>October 12, 2010</u> Date of Submission of Notice to PHMC</p>
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## CULTURAL RESOURCE NOTICE

APPLICANT'S ✓ CHECKLIST		
<p>Please check the following list to make sure that you have included all the required information. Place a checkmark in the column provided for all items completed and/or provided.</p> <p>Failure to provide all of the requested information will delay the processing of the application and may result in the application being placed <u>on hold</u> with <u>no action</u>, or will be considered withdrawn and the application file closed.</p>		
	Requirement	Check ✓ If Included
<b>1.</b>	<b>Attachments, where appropriate</b>	
	a) Section B - Additional municipality information.	Items a) to g) are included as attachments
	b) Section B - Additional county information.	
	c) Section H - 7.5' USGS Map (with defined boundaries of proposed activity).	
	d) Section H - Narrative description of proposed activity.	
	e) Section H - Photographs of any buildings over 50 years old. Indicate what is to be done to all buildings in the project area.	
	f) Section H - Total acres in property under review. Of this acreage, total acres of earth disturbance for the proposed activity.	
	g) Return receipt of delivery of Cultural Resource Notice to the Pennsylvania Historical and Museum Commission.	
<b>2.</b>	<b>Mailings</b>	
	a) Notice mailed to PHMC on <u>October 12, 2010</u> .	
	b) Received return receipt from PHMC on _____.	
	c) Submitted application to DEP Regional, Central, District Mining or Oil and Gas Mgmt. Office on _____ with copy of return receipt from PHMC as proof of submittal. or	
	d) Submitted application to County Conservation District Office on _____ with copy of Return Receipt from PHMC as proof of submittal.	
	<b>Requests</b>	Check ✓ If Included
<b>3.</b>	<b>Attachments requested, where appropriate</b>	
	a) Section H - Photographs of any buildings over 40 years old.	
	b) Section H - Site maps of the proposed activity, if available.	



**Bell Bend Nuclear Power Plant (BBNPP)**  
**Attachments to Cultural Resource Notice**

**Bell Bend Nuclear Power Plant (BBNPP)**  
**Cultural Resource Notice: Section B, Location of Project**

Bell Bend Nuclear Power Plant (BBNPP) is proposed to be constructed west of the existing Susquehanna Steam Electric Station site in the Town of Berwick, Salem Township, Luzerne County, Pennsylvania. Figure 1 provides a USGS Quadrangle locus map indicating the location of the proposed BBNPP facility.

**Bell Bend Nuclear Power Plant (BBNPP)**  
**Cultural Resource Notice: Section H**  
**Project Description and Supporting Information**

PPL Bell Bend, LLC (the Applicant) proposes to construct a new 1600 MWe nuclear power plant on lands adjacent to the existing Susquehanna Steam Electric Station (SSES) near the Borough of Berwick, in Salem Township, Luzerne County, Pennsylvania. The Applicant (PPL Bell Bend, LLC) is currently in the process of designing, siting and licensing the new nuclear facility, named the Bell Bend Nuclear Power Plant ("BBNPP" or "the Project").

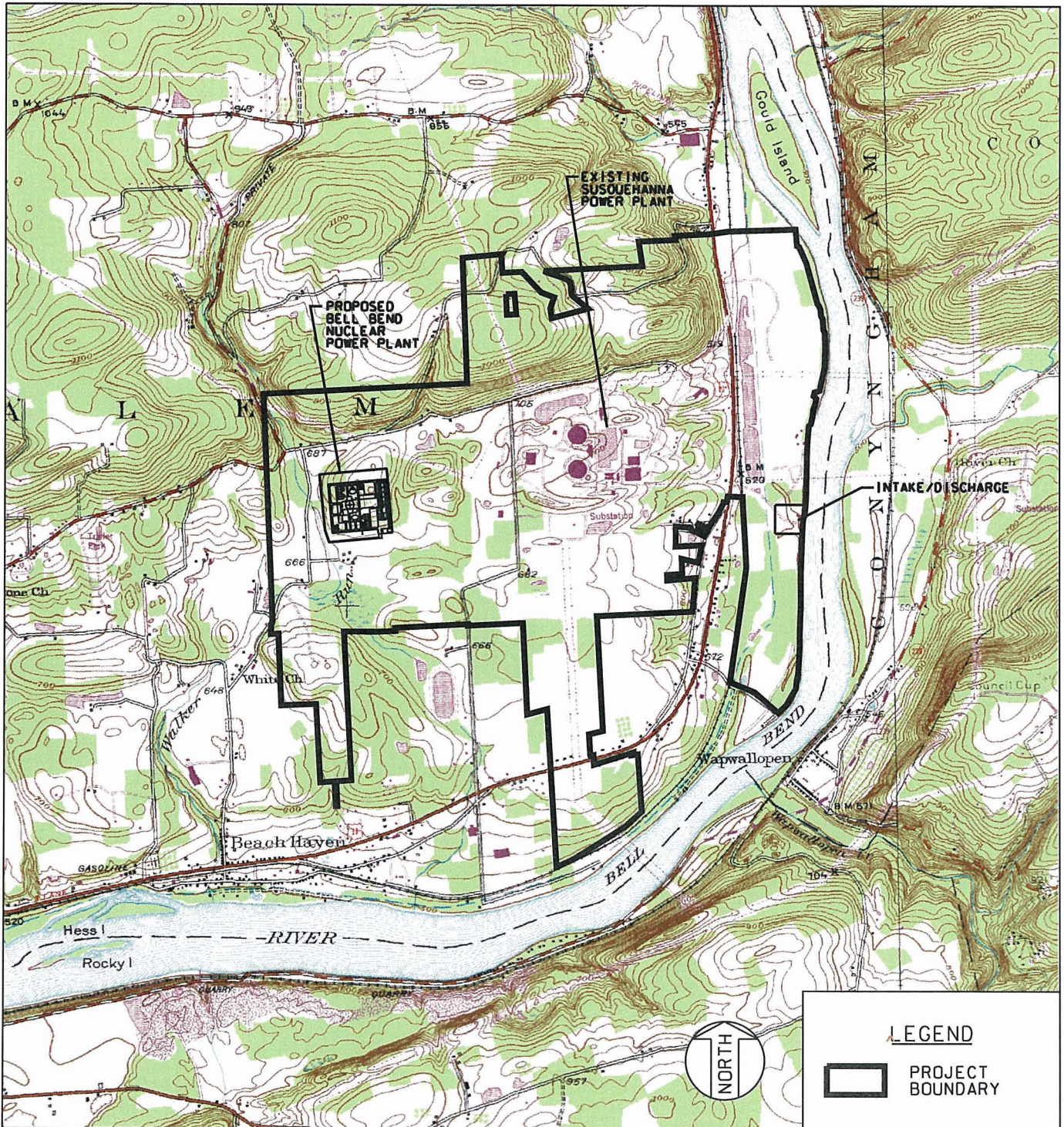
Construction of BBNPP will alter approximately 700 acres of land within a site of approximately 1,100 acres. The total area under PHMC review (Area of Potential Effects) associated with BBNPP is currently 1,078 acres. Land use within the Project site is predominantly agricultural and forested, with lesser areas of developed lands associated with SSES, adjacent residential property, and roadways.

Activities with the potential to affect cultural and historic resources at BBNPP include extensive land clearing and grading within the boundaries of the Project as shown on Figure 1. To ensure that appropriate measures were taken to investigate, document, and protect cultural and historic resources on and in the vicinity of BBNPP, an initial consultation with PHMC was held in 2008, and PPL continues to consult and coordinate activities supporting characterization of BBNPP at this time.

In coordination with PHMC along with the NRC and consulting state and federal agencies, PPL has conducted cultural investigations at BBNPP since the initial consultation including a Phase Ib archaeological survey, an architectural survey, a Supplemental Phase Ib cultural resources survey, Phase II National Register site evaluations, and a Second Supplemental Phase Ib cultural resources survey (supporting the movement of the plant footprint in 2010). PPL is currently finalizing the technical report documenting the Phase I Cultural Resources Investigations and Phase II National Register Site Evaluations for submittal to PHMC for its review. An addendum report providing results of the Second Supplemental Phase Ib cultural resources investigation is also being finalized by PPL and will be submitted to PHMC for review. Ongoing investigations and coordination with PHMC is expected throughout 2010 and 2011.

Pertinent correspondence is attached to this Cultural Resources Notice detailing the Project's interactions with PHMC BHP. A list of documents submitted to PHMC is also provided as an attachment.





# USACE PERMIT SUBMITTAL

## FOR PLANT EXPANSION

DATUM: H: (NAD 83) V: (NAVD 88) PREPARED: LW REVIEWED: DJD

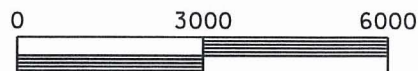
PROJECT LATITUDE/LONGITUDE: LONG 76°09'57.34" LAT 41°05'21.18"

PROJECT NO. 12198-421

## USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE LUZERNE COUNTY

FIGURE 1

SCALE IN FEET



## BELL BEND NUCLEAR POWER PLANT

IN:

COUNTY OF: LUZERNE STATE: PA

APPLICATION BY: BELL BEND NUCLEAR POWER PLANT AND UNISTAR NUCLEAR OPERATING SERVICES, LLC

PURPOSE: FOR OAR

DATE: 07-07-2010 REV.0



**Bell Bend Nuclear Power Plant (BBNPP)**  
**Cultural Resource Notice: Section H**  
**Documentation of Buildings Over 50 Years Old**  
**Prepared by GAI Consultants, Inc.**

**Architectural and Historical Resources over 50 Years of Age within BBNPP Footprint**

GAI #	ID No.	Name	Address	Style and Type	Date	NRHP Eligibility Recommendation
GAI-02	---	Stone Walls	Bell Bend Road at US Rt. 11, Salem Twp	Vernacular Walls	c1810-c1850?	Recommended Not Eligible, No Further Work Required per PHMC-BHP
GAI-05	155059	Hummel Farmstead	371 Beach Grove Road, Salem Twp	Frame Vernacular Farmstead	c1890	Recommended Not Eligible*
GAI-06	155054	Stone Arch Bridge	Beach Grove Road at Stone Church Road, Salem Twp	Vernacular Stone Arch Bridge	c1935	<b>Recommended Potentially Eligible, Criterion C*</b> <i>Further study recommended</i>
GAI-10	141673	North Branch Pennsylvania Canal	Along Susquehanna River, US Rt. 11 Vicinity, Salem Twp	Vernacular Canal	1828	<b>Determined Eligible by PHMC-BHP, Criteria A</b>
GAI-11	155053	The Bloomsburg Division of the Delaware, Lackawanna & Western Railway	Along Susquehanna River, US Rt. 11 Vicinity, Salem Twp	Vernacular Railroad	1858	Determined Not Eligible by PHMC-BHP
GAI-12	155056	Susquehanna and Tioga Turnpike	US Rt. 11, Salem Twp	Vernacular Highway	1807-1810	Determined Not Eligible by PHMC-BHP
GAI-14	155061	House	49 Bell Bend Road, Salem Twp	Frame Vernacular, Georgian Residence	c1875	Recommended Not Eligible*
GAI-15	---	House	65 Bell Bend Road, Salem Twp	Frame Vernacular Residence	c1880	Recommended Not Eligible, No Further Work Required per PHMC-BHP
GAI-24	---	House	1069 Salem Boulevard, Salem Twp	American Foursquare Residence	c1925	Recommended Not Eligible, No Further Work Required per PHMC-BHP
GAI-25	155063	Michaels Farm	4252 N. Market Street, Salem Twp	Frame Vernacular Farmstead	c1880	Determined Not Eligible by PHMC-BHP
GAI-52	135820	Bridge	N. Market Street, Salem Twp	Vernacular Concrete Bridge	1937	Recommended Not Eligible, No Further Work Required per PHMC-BHP
	<b>Total</b>	<b>11</b>				

\*Pending PHMC-BHP concurrence

**Photographs of Architectural and Historical Resources over 50 Years of Age in  
BBNPP Project Footprint**



**GAI-02** – Stone Walls, Bell Bend Road at US Rt. 11 (Recommended Not Eligible, No Further Work Required per PHMC)



**GAI-05 (155059)** – Hummel Farmstead, 371 Beach Grove Road (Recommended Not Eligible)



**GAI-06 (155054)** – Stone Arch Bridge, Beach Grove Road at Stone Church Road (Recommended Potentially Eligible)



**GAI-10 (141673)** – North Branch  
 Pennsylvania Canal (Determined NRHP  
 Eligible by PHMC)



**GAI-10 (141673)** – North Branch  
 Pennsylvania Canal (Determined NRHP  
 Eligible by PHMC)



**GAI-10 (141673)** – North Branch  
 Pennsylvania Canal (Determined NRHP  
 Eligible by PHMC)





**GAI-11 (155053)** – The Bloomsburg Division of the Delaware, Lackawanna & Western Railway (Determined Not Eligible by PHMC)



**GAI-12 (155056)** – Susquehanna and Tioga Turnpike, US Rt. 11 (Determined Not Eligible by PHMC)



**GAI-14 (155061)** – House, 49 Bell Bend Road, Salem Twp. (Recommended Not Eligible)





**GAI-15** – House, 65 Bell Bend Road, Salem Twp. (Recommended Not Eligible, No Further Work Required per PHMC)



**GAI-24** – House, 1069 Salem Boulevard, Salem Twp. (Recommended Not Eligible, No Further Work Required per PHMC)



**GAI-25 (155063)** – Michaels Farm, 4252  
North Market Street, Salem Twp.  
(Determined Not Eligible by PHMC)



**GAI-25 (155063)** – Michaels Farm, 4252  
North Market Street, Salem Twp.  
(Determined Not Eligible by PHMC)



**GAI-52 (135820)** – Bridge, North Market  
Street, Salem Twp. (Recommended Not  
Eligible, No Further Work Required per  
PHMC)

**Bell Bend Nuclear Power Plant (BBNPP)**  
**Cultural Resource Notice: PHMC Correspondence**

### **Pertinent BBNPP Written Correspondence on Cultural and Historic Resources**

#### *Written Correspondence:*

February 15, 2008, letter from George Wrobel to Doug McLearen (PHMC/BHP), Request for Cultural Resource Information.

April 15, 2008, letter from John Price to Doug McLearen (PHMC/BHP), Phase IA Cultural Resources Reconnaissance, Bell Bend Nuclear Power Plant, Luzerne County, Pennsylvania, ER# 81-0658-079.

August 6, 2008, letter to L. Seiz, Scope of Work Supplemental Phase IB Cultural Resources Investigation Bell Bend Nuclear Power Plant Luzerne County, Pennsylvania.

April 8, 2008, letter from Doug McLearen to George Wrobel (UniStar), ER #81-0658-079-G, Construction of Additional Nuclear Power Generation Unit adjacent the Susquehanna Steam Electric Station Site, Salem Township, Luzerne County, Pennsylvania.

June 5, 2008, letter from Doug McLearen to John Price (UniStar), ER 81-0658-079-H, NRC: Proposed Bell Bend Nuclear Power Plant, Salem Township, Luzerne County, Pennsylvania, Phase IA Cultural Resources Survey.

October 28, 2008, letter from Doug McLearen to Barbara Munford (GAI), ER 81-0658-079-M, NRC: Bell Bend Nuclear Power Plant, Luzerne County, Conyngham, Nescopeck, Salem Townships, Management Summary, Phase Ib Cultural Resource Investigations, Determinations of Eligibility.

March 2, 2009, letter from Doug McLearen to George Wrobel (UniStar), ER# 81-0658-0-79-N, Management Summary, Phase Ib Cultural Resources Investigation, Bell Bend Nuclear Power Plant, Salem Township, Luzerne County, Pennsylvania.

March 23, 2009, letter from Doug McLearen to T.L. Harpster (PPL Bell Bend, LLC), ER# 81-0685-079-Q, Management Summary, Supplemental Phase Ib Cultural Resources Investigation, 263 Acres of Additional Project Area, Bell Bend Nuclear Power Plant, Salem Township, Luzerne County, Pennsylvania.

June 11, 2009, letter from Doug McLearen to Rocco Sgarro (PPL Bell Bend, LLC), ER# 91-0658-079-T, Scope of Work Proposal for Phase II Archaeological Evaluations and Assessment of Effects to Historic Resources, Bell Bend Nuclear Power Plant, Salem Township, Luzerne County, Pennsylvania.

November 16, 2009, letter from Hannah Cole to Douglas McLearen (PHMC/BHP), ER# 81-0658-079, NRC: Bell Bend Nuclear Power Plant, Management Summary Phase Ib Cultural Resource Investigation, Luzerne County, Conyngham, Nescopeck, Salem Townships.

March 17, 2010 letter from Andrea MacDonald to Hannah Cole (GAI), ER# 81-0658-079, NRC: Bell Bend Power Plant, Phase IB Investigations Management Summary: Historic Resources, Conyngham, Nescopeck, Salem Townships, Luzerne County.



Commonwealth of Pennsylvania  
Pennsylvania Historical and Museum Commission  
**Bureau for Historic Preservation**  
Commonwealth Keystone Building, 2<sup>nd</sup> Floor  
400 North Street  
Harrisburg, PA 17120-0093  
[www.phmc.state.pa.us](http://www.phmc.state.pa.us)

8 April 2008

George Wrobel  
UniStar Nuclear Energy  
750 E. Pratt Street  
14<sup>th</sup> Floor  
Baltimore, MD 21202

TO EXPEDITE REVIEW USE  
BHP REFERENCE NUMBER

Re: ER# 81-0658-079-G  
Construction of Additional Nuclear Power  
Generation Unit adjacent to the Susquehanna Steam  
Electric Station Site, Salem Township, Luzerne  
County, Pennsylvania

Dear Mr. Wrobel:

The Bureau for Historic Preservation (the State Historic Preservation Office) has reviewed the above named project in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended in 1980 and 1992, and the regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation as revised in 1999 and 2004. These regulations require consideration of the project's potential effect upon both historic and archaeological resources.

Archaeological Resources

The archaeological sites listed below are located in your project area and others are likely to exist. These resources could be adversely affected by project activities. A Phase I archaeological survey is necessary to verify the extent of known sites and to locate other sites. Phase II investigations may also be needed to determine the eligibility of sites for listing in the National Register of Historic Places. It is our understanding that an archaeological investigation has been initiated and is on going. We look forward to working with you in this matter.

**P.A.S.S. # 36Lu15, 36Lu16, 36Lu48, 36Lu49, 36Lu50, 36Lu51**

Historic Structures

Additional information is needed for us to proceed with our review for historic structures. Please provide the date of construction of the power plant as well as an historical context on the development of nuclear power plants and where the Susquehanna plant fits into this context.

ER# 81-0658-079-G  
8 April 2008  
Page 2

If you need further information in this matter concerning archaeological resources please consult Steven McDougal at (717) 772-0923. For information concerning historic structures, please call Ann Safley at (717) 787-9121.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. McLearn', with a stylized, flowing script.

Douglas C. McLearn, Chief  
Division of Archaeology &  
Protection

cc: NRC

DCM/srm



Commonwealth of Pennsylvania  
Pennsylvania Historical and Museum Commission  
Bureau for Historic Preservation  
Commonwealth Keystone Building, 2nd Floor  
400 North Street  
Harrisburg, PA 17120-0093  
www.phmc.state.pa.us

June 5, 2008

John E. Price  
UniStar Nuclear Energy  
750 E. Pratt Street, 14<sup>th</sup> floor  
Baltimore, MD 21202

**TO EXPEDITE REVIEW USE  
BHP REFERENCE NUMBER**

Re: ER 81-0658-079-H  
NRC: Proposed Bell Bend Nuclear Power Plant  
Salem Township, Luzerne County  
Phase IA Cultural Resources Survey

Dear Mr. Price:

The Bureau for Historic Preservation (the State Historic Preservation Office) has reviewed the above named project in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended in 1980 and 1992, and the regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation as revised in 1999 and 2004. These regulations require consideration of the project's potential effect upon both historic and archaeological resources.

We agree with the recommendations of the Phase IA archaeological study and look forward to working with you further as the successive phase of work proceeds.

We have reviewed the preliminary information concerning historic structures in the Area of Potential Effect of this project. Based on this information, no further survey work will be needed on the following properties.

1. Beach Grove Cemetery, Salem Twp., Luzerne County
2. Stone Walls, Bell Bend Rd., Salem Twp., Luzerne County
3. House 65 Bell Bend Rd., Salem Twp., Luzerne County
4. House, 115 Bell Bend Rd., Salem Twp., Luzerne County
5. House, 189 Bell Bend Rd., Salem Twp., Luzerne County
6. House, 193 Bell Bend Rd., Salem Twp., Luzerne County
7. House, 1021 Salem Blvd., Salem Twp., Luzerne County
8. Bell Bend Efficiency Apartments, 1043 Salem Blvd., Salem Twp., Luzerne County
9. House, 1047 Salem Blvd., Salem Twp., Luzerne County
10. House, 1091 Salem Blvd., Salem Twp., Luzerne County
11. House, 1069 Salem Blvd., Salem Twp., Luzerne County
12. Barn & Trailer, 998 Berwick-Hazleton Hwy, Nescopeck Twp., Luzerne County
13. House, 906 Berwick-Hazleton Hwy, Nescopeck Twp., Luzerne County

Page 2  
J. Price  
June 5, 2008

14. House, 809 Berwick-Hazleton Hwy, Nescopeck Twp., Luzerne County
15. House, 175 E. Cherry Rd., Nescopeck Twp., Luzerne County
16. House, 598 River Rd., Nescopeck Twp., Luzerne County
17. House, 546 River Rd., Nescopeck Twp., Luzerne County
18. House, 520 River Rd., Nescopeck Twp., Luzerne County
19. House, 510 River Rd., Nescopeck Twp., Luzerne County
20. Quarry, River Rd., Nescopeck Twp., Luzerne County
21. Bridge, N. Market St., Salem Twp., Luzerne County

Additional survey information must be supplied for the following properties. Please submit a Historic Resource survey form for the following resources. This form and instructions can be obtained from our website at [www.phmc.state.pa.us/bhp](http://www.phmc.state.pa.us/bhp).

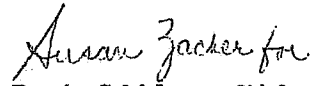
1. United Reformed and Lutheran Church, Conyngham Twp., Luzerne County
2. Woodcrest, Conyngham Twp., Luzerne County
3. Hummel Farmstead, Salem Twp., Luzerne County
4. Stone Arch Bridge, Salem Twp., Luzerne County
5. Kiliti Farm, Salem Twp., Luzerne County
6. Heller Farm, Salem Twp., Luzerne County
7. North Market Street Bridge, Salem Twp., Luzerne County
8. North Branch of the Pennsylvania Canal in the APE, Salem Twp., Luzerne County
9. Canadian Pacific/Bloomsburg Division of the Delaware, Lackawanna & Western Railway in the APE, Salem Twp., Luzerne County
10. Susquehanna and Tioga Turnpike, Salem Twp., Luzerne County
11. House, 29 Bell Bend Rd., Salem Twp., Luzerne County
12. House, 49 Bell Bend Rd., Salem Twp., Luzerne County
13. Valley View Farm, 1022 Salem Blvd., Salem Twp., Luzerne County
14. Michaels Farm, 4252 N. Market St., Salem Twp., Luzerne County
15. House, 1405 Berwick-Hazleton Highway, Nescopeck Twp., Luzerne County
16. PA Railroad-Sunbury Line/Delaware & Hudson Railroad, Nescopeck Twp., Luzerne County
17. Farm, 950 Berwick-Hazleton Hwy, Nescopeck Twp., Luzerne County
18. House, 944 Berwick-Hazleton Hwy, Nescopeck Twp., Luzerne County
19. Farm, 783 Berwick-Hazleton Hwy, Nescopeck Twp., Luzerne County
20. Farm, 212 E. Cherry Rd., Nescopeck Twp., Luzerne County
21. Wapwallopen Historic District, Wapwallopen, Luzerne County
22. Farm, 811 River Rd., Nescopeck Twp., Luzerne County



Page 3  
J. Price  
June 5, 2008

If you need further information in this matter please consult Susan Zacher at (717)  
783-9920.

Sincerely,

A handwritten signature in cursive script that reads "Susan Zacher for".

Douglas C. McLearn, Chief  
Division of Archaeology &  
Protection

DCM/snz



Commonwealth of Pennsylvania  
Pennsylvania Historical and Museum Commission  
**Bureau for Historic Preservation**  
Commonwealth Keystone Building, 2<sup>nd</sup> Floor  
400 North Street  
Harrisburg, PA 17120-0093  
[www.phmc.state.pa.us](http://www.phmc.state.pa.us)

RECEIVED  
OCT 31 2008

October 28, 2008

GAI CONSULTANTS INC.  
PROJ. NO. 2080204.10

Barbara A. Munford  
GAI Consultants  
385 E. Waterford Drive  
Homestead, PA 15120-5005

TO EXPEDITE REVIEW USE  
BHP REFERENCE NUMBER

Re: ER 81-0658-079-M  
NRC: Bell Bend Nuclear Power Plant  
Luzerne County, Conyngham, Nescopek, Salem Townships  
Management Summary Phase Ib Cultural Resource Investigations  
Determinations of Eligibility

Dear Ms. Munford:

The Bureau for Historic Preservation (the State Historic Preservation Office) has reviewed the above named project in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended in 1980 and 1992, and the regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation as revised in 1999 and 2004. These regulations require consideration of the project's potential effect upon both historic and archaeological resources.

The Bureau for Historic Preservation has reviewed 22 resources included in the above listed report. These resources included farms, farmsteads, a church, two bridges, a RR connector line, a highway, and a canal remnant. The overall submission is lacking in historic context, and evaluation.

Please submit the following additional information so that we can complete our review of the 22 properties submitted in this survey.

1. The farms are all inadequately documented as complete forms were not submitted. The narrative physical and historical sections are missing. The complete farm, including acreage, needs to be described and addressed. While for this particular region it will be difficult to find early documentation, and the agricultural context survey has not yet targeted this area, the consultant should still implement the Agricultural Researcher Checklist. The Agricultural Context can be obtained from our website at [www.phmc.state.pa.us/bhp](http://www.phmc.state.pa.us/bhp). Based on the photos, it appears that an analysis of the 1927 Agricultural Census data and investigation of 20th century agricultural patterns in this county will be very helpful in explaining the types of buildings and changes that will determine Criterion A and C significance for the farms and farmsteads. Historic and current aerials should be submitted. Current use of the land and buildings should be noted.
2. The potential for a rural historic agricultural district should be investigated, as the area appears to retain an active agriculture base of contiguous farms.

Page 2

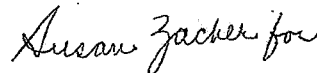
B. Munford

Oct. 28, 2008

3. The vernacular architecture of the area must be addressed when evaluating for Criterion C. The photos show several farmhouses with distinctive windows in the attic story. Provide more details on the regional house types and features.
4. Provide a project map that shows the location of all resources and identify them with survey codes. It was difficult to understand the relationship of the resources in the Area of Potential Effect without a comprehensive map, and difficult to locate the resources on REGIS (our online database system) based solely on the individual resource USGS maps provided.
5. Please support the eligibility findings for the Sunbury Line, the Lackawanna & Bloomsburg RR, the Susquehanna & Tioga Turnpike, both stone arch bridges, the United Reformed & Lutheran Church, the north branch of the PA Canal, and the Wapwallopen Historic District. The historic district form only provided info about the buildings that would be within the APE; the form must provide info about the entire district. The canal branch evaluation should consider Key#141673, the North Branch Canal district in adjacent Berwick Borough, and would likely be considered part of that larger resource. More info must be provided about the church, especially the 1952 restoration. The late date of the stone arch bridges (1935) was curious but not nearly enough info was provided to evaluate them. Do they have Department of Transportation identifying BMS numbers and have they been previously evaluated. Additional information must be provided to evaluate the railroad and Turnpike resources. Simply being associated with the theme of Transportation does not imply that they are significant.

If you need further information regarding historic structures please consult with Susan Zacher at (717) 783-9920.

Sincerely,



Douglas C. McLearen, Chief  
Division of Archaeology &  
Protection

DCM/snz



Commonwealth of Pennsylvania  
Pennsylvania Historical and Museum Commission  
**Bureau for Historic Preservation**  
Commonwealth Keystone Building, 2<sup>nd</sup> Floor  
400 North Street  
Harrisburg, PA 17120-0093  
[www.phmc.state.pa.us](http://www.phmc.state.pa.us)

2 March 2009

George Wrobel  
UniStar Nuclear Energy  
1503 Lake Road  
Ontario, NY 14519

TO EXPEDITE REVIEW USE  
BHP REFERENCE NUMBER

Re: ER# 81-0658-079-N  
Management Summary, Phase Ib Cultural  
Resources Investigation, Bell Bend Nuclear Power  
Plant, Salem Township, Luzerne County,  
Pennsylvania

Dear Mr. Wrobel:

The Bureau for Historic Preservation (the State Historic Preservation Office) has reviewed the above named project in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended in 1980 and 1992, and the regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation as revised in 1999 and 2004. These regulations require consideration of the project's potential effect upon both historic and archaeological resources.

This report meets our standards and specifications as outlined in *Cultural Resource Management in Pennsylvania: Guidelines for Archaeological Investigations* (BHP 1991) and the Secretary of the Interior's Guidelines for Archaeological Documentation. This report documents survey of 11 previously unrecorded archaeological sites.

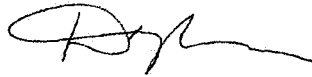
We agree with the recommendation that the following sites are not eligible for inclusion on the National Register of Historic Places: **Site 1 (36Lu278), Site 6 (36Lu282), Site 8 (36Lu284), and Site 11 (36Lu287)**. In our opinion, no further work is necessary at these sites.

We agree with the recommendation that the following sites have potential to be eligible for inclusion on the National Register of Historic Places: **Site 2 (36Lu279), Site 3 (36Lu280), Site 4 (36Lu281), Site 5 (36Lu288), Site 7 (36Lu283), Site 9 (36Lu285), and Site 10 (36Lu286)**. In our opinion, these sites should either be avoided by construction or Phase II archaeological investigations will be necessary.

ER# 81-0658-079-N  
2 March 2009  
Page 2

If you need further information in this matter please consult Steven McDougal at (717) 772-0923.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. McLearn', with a stylized flourish at the end.

Douglas C. McLearn, Chief  
Division of Archaeology &  
Protection

cc: B. Munford, GAI Consultants  
J. Davis, NRC

DCM/srm



Commonwealth of Pennsylvania  
Pennsylvania Historical and Museum Commission  
**Bureau for Historic Preservation**  
Commonwealth Keystone Building, 2<sup>nd</sup> Floor  
400 North Street  
Harrisburg, PA 17120-0093  
[www.phmc.state.pa.us](http://www.phmc.state.pa.us)

23 March 2009

T. L. Harpster  
PPL Bell Bend, LLC  
38 Bomboy Lane, Suite 2  
Berwick, PA 18603

TO EXPEDITE REVIEW USE  
BHP REFERENCE NUMBER

Re: ER# 81-0658-079-Q  
Management Summary, Supplemental Phase Ib  
Cultural Resources Investigation, 263 Acres of  
Additional Project Area Bell Bend Nuclear Power  
Plant, Salem Township, Luzerne County,  
Pennsylvania

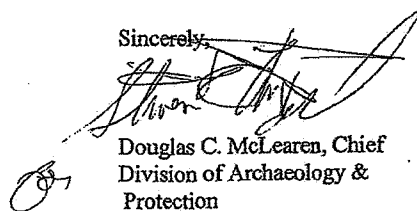
Dear Mr. Harpster:

The Bureau for Historic Preservation (the State Historic Preservation Office) has reviewed the above named project in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended in 1980 and 1992, and the regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation as revised in 1999 and 2004. These regulations require consideration of the project's potential effect upon both historic and archaeological resources.

This report meets our standards and specifications as outlined in *Cultural Resource Management in Pennsylvania: Guidelines for Archaeological Investigations* (BHP 1991) and the Secretary of the Interior's Guidelines for Archaeological Documentation. This report documents archaeological survey of an additional 263 acres added to the original 630 acres reported in the previous Phase Ib Management Summary. No archaeological sites were found as a result of this survey and we agree with the recommendations that no further archaeological work is necessary within this area. We look forward to working with you further in this matter.

If you need further information in this matter please consult Steven McDougal at (717) 772-0923.

Sincerely,



Douglas C. McLearn, Chief  
Division of Archaeology &  
Protection

cc: B. Munford, GAI Consultants  
S. Imboden, NRC

DCM/srm



Commonwealth of Pennsylvania  
Pennsylvania Historical and Museum Commission  
**Bureau for Historic Preservation**  
Commonwealth Keystone Building, 2<sup>nd</sup> Floor  
400 North Street  
Harrisburg, PA 17120-0093  
[www.phmc.state.pa.us](http://www.phmc.state.pa.us)

11 June 2009

Rocco R. Sgarro  
PPL Bell Bend, LLC  
38 Bomboy Lane, Suite 2  
Berwick, PA 18603

TO EXPEDITE REVIEW USE  
BHP REFERENCE NUMBER

Re: ER# 81-0658-079-T  
Scope of Work Proposal for Phase II  
Archaeological Evaluations and Assessment of  
Effects to Historic Resources, Bell Bend Nuclear  
Power Plant, Salem Township, Luzerne County,  
Pennsylvania

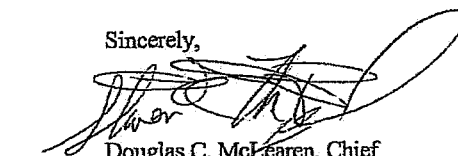
Dear Mr. Sgarro:

The Bureau for Historic Preservation (the State Historic Preservation Office) has reviewed the above named project in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended in 1980 and 1992, and the regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation as revised in 1999 and 2004. These regulations require consideration of the project's potential effect upon both historic and archaeological resources.

We agree with the proposed scope of work for both the archaeological and historic structures investigations. We look forward to consulting further with you in this matter.

If you need further information in this matter please consult Steven McDougal at (717) 772-0923.

Sincerely,



Douglas C. McLearn, Chief  
Division of Archaeology &  
Protection

cc: B. Munford, GAI Consultants  
S. Imboden, NRC, Mailstop T-6D38M  
J. Davis, NRC, Mailstop O-11F1

DCM/srm

**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:

Douglas McKearen, Chief  
Div. of Archeology & Protection  
PA Historical & Museum Comm.  
Bureau for Historic Preservation  
400 North St.  
Harrisburg PA 17120-0093

## 2. Article Number

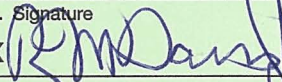
(Transfer from service label)

7009 3410 0000 8705 2767

**COMPLETE THIS SECTION ON DELIVERY**

## A. Signature

X

☐ Agent☐ Addressee

## B. Received by (Printed Name)

## C. Date of Delivery

OCT 18 2010

## 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



R. R. Sgarro  
Manager, Nuclear Regulatory Affairs

PPL Bell Bend, LLC  
38 Bomboy Lane, Suite 2  
Berwick, PA 18603  
Tel. 570.802.8102 FAX 570.802.8119  
rrsgarro@pplweb.com



December 16, 2010

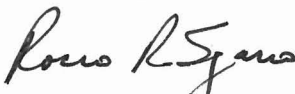
ATTN: Mr. Douglas McLearen, Chief  
Division of Archaeology and Protection  
Pennsylvania Historical and Museum Commission, Bureau for Historic Preservation  
Commonwealth Keystone Building, 2nd Floor  
400 North Street  
Harrisburg, PA 17120-0093

**BELL BEND NUCLEAR POWER PLANT  
SECOND SUPPLEMENTAL PHASE Ib  
CULTURAL RESOURCES INVESTIGATION  
POWER BLOCK RELOCATION  
BNP-2010-234                      Docket No. 52-039**

The purpose of this letter is to transmit the Second Supplemental Phase Ib Cultural Resources Investigation Power Block Relocation Addendum Report.

If you have any questions, please contact the undersigned at 570-802-8102.

Respectfully,

  
Rocco R. Sgarro

RRS/kw

Enclosure: Addendum Report Second Supplemental Phase Ib Cultural Resources  
Investigation Power Block Relocation, Bell Bend Nuclear Power Plant, Luzerne  
County Pennsylvania, October 8, 2010

cc: (w/ Enclosure)

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

Mr. Jesse J. Bergevin  
Historic Resources Specialist  
Oneida Indian Nation  
1256 Union Street  
PO Box 662  
Oneida, NY 13421-0662

cc: (w/o Enclosure)

Ms. Stacey Imboden  
Senior Project Manager  
U.S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, MD 20852

Dr. Donald Palmrose  
Senior Project Manager  
U.S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, MD 20852

Ms. Laura Misita  
Land Administrator  
Oneida Indian Nation  
5218 Patrick Road  
Verona, NY 13478

Mr. Brian Patterson  
Bear Clan Representative  
Oneida Indian Nation  
Annex Building  
579 Main Street  
Oneida, NY 13421

bcc: M. Caverly  
J. Fields  
T. Harpster  
G. Kuczynski  
V. Lopiano  
D. Roth  
R. Sgarro  
M. Frailer  
J. Freels  
D. Klinch  
B. Snapp  
D. Repka  
G. Gibson  
M. Yox  
D. Lutchenkov  
W. Massie  
C. Fleming  
Y. Abernethy  
B. Munford, GAI  
B. Resnick, GAI  
S. Geier

Enclosure

Addendum Report Second Supplemental  
Phase Ib Cultural Resources Investigation Power Block Relocation  
Bell Bend Nuclear Power Plant,  
Luzerne County Pennsylvania  
October 8, 2010

**BNP-2010-234**

The Enclosure can be found in the following locations:

- Hard copy on disk in folder BNP-2010-234
- Electronic copy in Sharepoint at

<http://gen.sp.ppl.com/sites/Bellbend/Project%20Documents%202/101008%20Addendum%20Report%20Second%20Supplemental%20Phase%201b%20Cultural%20Resources%20Investigation%20Power%20Block%20Relocation.pdf>

R. R. Sgarro  
Manager, Nuclear Regulatory Affairs

PPL Bell Bend, LLC  
38 Bomboy Lane, Suite 2  
Berwick, PA 18603  
Tel. 570.802.8102 FAX 570.802.8119  
rrsgarro@pplweb.com



December 16, 2010

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

**BELL BEND NUCLEAR POWER PLANT  
PHASE I CULTURAL RESOURCES  
INVESTIGATIONS AND PHASE II NATIONAL  
REGISTER SITE EVALUATIONS  
BNP-2010-328                      Docket No. 52-039**

The purpose of this letter is to transmit the Phase I Cultural Resources Investigations and Phase II National Register Site Evaluations Report.

If you have any questions, please contact the undersigned at 570-802-8102.

Respectfully,

A handwritten signature in black ink, appearing to read "Rocco R. Sgarro".

Rocco R. Sgarro

RRS/kw

Enclosure: Phase I Cultural Resources Investigations and Phase II National Register Site  
Evaluations Technical Report, Bell Bend Nuclear Power Plant, Luzerne County  
Pennsylvania, October 11, 2010

cc: (w/ Enclosure)

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

Mr. Jesse J. Bergevin  
Historic Resources Specialist  
Oneida Indian Nation  
1256 Union Street  
PO Box 662  
Oneida, NY 13421-0662

cc: (w/o Enclosure)

Ms. Stacey Imboden  
Senior Project Manager  
U.S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, MD 20852

Dr. Donald Palmrose  
Senior Project Manager  
U.S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, MD 20852

Ms. Laura Misita  
Land Administrator  
Oneida Indian Nation  
5218 Patrick Road  
Verona, NY 13478

Mr. Brian Patterson  
Bear Clan Representative  
Oneida Indian Nation  
Annex Building  
579 Main Street  
Oneida, NY 13421

bcc: M. Caverly  
J. Fields  
T. Harpster  
G. Kuczynski  
V. Lopiano  
D. Roth  
R. Sgarro  
M. Frailer  
J. Freels  
D. Klinch  
B. Snapp  
D. Repka  
G. Gibson  
M. Yox  
D. Lutchenkov  
W. Massie  
C. Fleming  
Y. Abernethy  
B. Munford, GAI  
B. Resnick, GAI  
S. Geier



Enclosure

Phase I Cultural Resources Investigations and  
Phase II National Register Site Evaluations Technical Report,  
Bell Bend Nuclear Power Plant,  
Luzerne County Pennsylvania  
October 11, 2010

**BNP-2010-328**

The Enclosures can be found in the following locations:

- Disk in folder BNP-2010-328
- Electronic copy in SharePoint at

<http://gen.sp.ppl.com/sites/Bellbend/Project%20Documents%202/Forms/AllItems.aspx>



Commonwealth of Pennsylvania  
Pennsylvania Historical and Museum Commission  
**Bureau for Historic Preservation**  
Commonwealth Keystone Building, 2<sup>nd</sup> Floor  
400 North Street  
Harrisburg, PA 17120-0093  
[www.phmc.state.pa.us](http://www.phmc.state.pa.us)

RECEIVED

MAR 22 2010

GAI CONSULTANTS INC.  
PROJ. NO. C080204.10

REC'D MAY 11 2011 - PPL

March 17, 2010

CC: JNT  
BAM  
BR  
CF  
MPK

Hannah L. Cole  
GAI Consultants, Inc.  
385 E. Waterfront Drive  
Homestead, PA 15120-5005

TO EXPEDITE REVIEW USE  
GHP REFERENCE NUMBER

Re: ER 81-0658-079-U  
NRC: Bell Bend Power Plant Phase IB Investigations Management  
Summary: Historic Resources  
Conyngham, Nescopeck, Salem Townships, Luzerne County

Dear Ms. Cole:

The Bureau for Historic Preservation (the State Historic Preservation Office) has reviewed the above named project in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended in 1980 and 1992, and the regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation as revised in 1999 and 2004. These regulations require consideration of the project's potential effect upon both historic and archaeological resources.

We concur with the findings of the agency that the following resources are eligible for the National Register of Historic Places.

1. United Reformed & Lutheran Church (Old River Church), Conyngham Township, Luzerne County: This church is an excellent example of the Federal style of architecture and meets National Register criterion C.
2. Woodcrest, 3209 SR 239, Conyngham Township, Luzerne County: This farms is is eligible for its local agricultural significance and meets National Register criterion A. It may also be eligible under criterion C, for its architectural significance, however, information and photographs of its interior would need to be submitted to evaluate for this criterion.

We disagree with the findings of the agency concerning the eligibility of the following resource. In our opinion, this resource is eligible for the National Register of Historic Places.

3. North Branch of the Pennsylvania Railroad, Salem Township, Luzerne County: This intact section of the canal reflects the significance of the canal in the mid to late 19<sup>th</sup> century and therefore is eligible under National Register criterion A.

Page 2  
H. Cole  
March 17, 2010

We concur with the findings of the agency that the following properties are not eligible for the National Register of Historic Places. Based on the information supplied they are not historically or architecturally significant.

4. Thrash Farm, 783 Berwick-Hazleton Highway, Nescopeck Township, Luzerne County
5. Fortner Farm, 212 E. Cherry Road, Nescopeck Township, Luzerne County
6. Croll Farm, 811 River Road, Nescopeck Township, Luzerne County
7. Raber Farm, 950 Berwick-Hazleton Highway, Nescopeck Township, Luzerne County
8. Michaels Farm, 4252 N. Market Street, Salem Township, Luzerne County
9. Heller Farm, 4210 N. Market Street, Salem Township, Luzerne County
10. Valley View Farm, Salem Township, Luzerne County
11. Susquehanna & Tioga Turnpike, Salem Township, Luzerne County
12. Jameson Farm, 62 Kiliti Road, Salem Township, Luzerne County

We disagree with the findings of the agency concerning the National Register eligibility of the following resources. In our opinion, these railroads are not eligible.

13. Pennsylvania & Sunbury Line of the Delaware and Hudson Railroad, Nescopeck Township, Luzerne County: This line was a connection between major Railroad lines of the Pennsylvania Railroad. While Sunbury, Wilkes-Barre and Hazleton Were all major economic centers at the time, it does not make this spur Significant nor played a significant role in the transportation of anthracite coal.
14. The Bloomsburg Division of the Delaware, Lackawanna and Western Railroad, Salem Township, Luzerne County: Based on the information provided the Significance of this section of the DL& W is unproven. It does not appear to have provided significant competition to other railroad lines or to have been an important carrier in relation to other railroads.

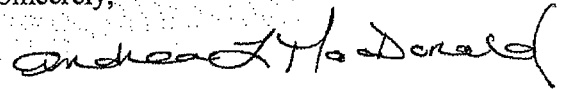
We are unable to complete our review of the following resources until additional information is submitted.

15. Stone Arch Bridge/North Market Street Bridge, Salem Township, Luzerne County: Please supply the correct length measurement of this bridge (see attached guidance for measuring bridges). The submission states that there are only 3 intact stone arch bridges in the county. Our on-line Geographical Information Submission shows that there are over 50 stone arch bridges. Please evaluate this bridge in the context of the bridge survey.
16. Wapwallopen Historic District (potential), Conyngham Township, Luzerne County: Please contact our agency to schedule a site visit to verify the presence and boundaries of a historic district.

Page 3  
H. Cole  
March 17, 2010

If you need further information in this matter please consult Susan Zacher at (717)  
783-9920.

Sincerely,

A handwritten signature in cursive script, appearing to read "Andrea L. MacDonald".

Andrea L. MacDonald, Chief  
Division of Preservation Services

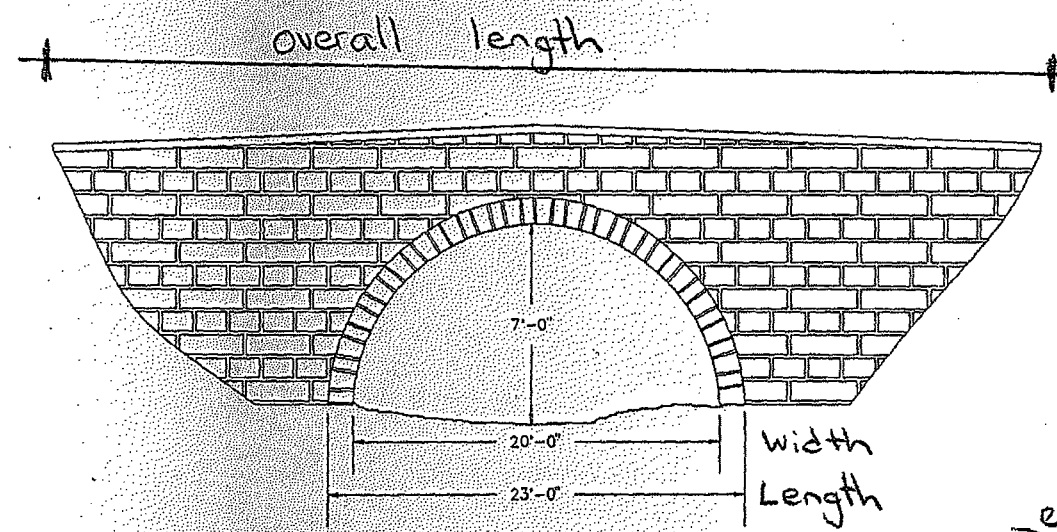
Enclosure  
AM/smz

Enclosure for Bridge Measurements

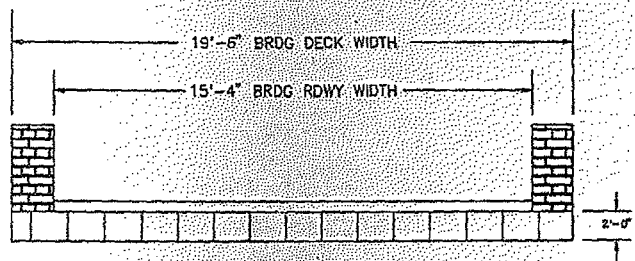
46 7420 0486 2502

Stone Arch Bridge (GAI-06) & North  
Market St Bridge (GAI-07), Salem Twp, Luzerne Co

Example for  
Bridge Measuring



ELEVATION



SECTION "A-A"

LUZERNE COUNTY ROAD AND BRIDGE DEPARTMENT		
BRIDGE # 42502 NEW COLUMBUS BOROUGH		
DRAWN GAS	CHECKED JJB	DWG 2/2
SCALE NOTED	DATE AUGUST-94	



Commonwealth of Pennsylvania  
Pennsylvania Historical and Museum Commission  
**Bureau for Historic Preservation**  
Commonwealth Keystone Building, 2<sup>nd</sup> Floor  
400 North Street  
Harrisburg, PA 17120-0093  
[www.phmc.state.pa.us](http://www.phmc.state.pa.us)

20 May 2011

Rocco R. Sgarro  
PPL Bell Bend, LLC  
38 Bomboy Lane, Suite 2  
Berwick, PA 18603

Re: ER# 81-0658-079-CC  
Addendum Report, Second Supplemental Phase Ib  
Cultural Resource Investigation, Power Block  
Relocation, Bell Bend Nuclear Power Plant, Salem  
Township, Luzerne County, Pennsylvania

Dear Mr. Sgarro:

The Bureau for Historic Preservation (the State Historic Preservation Office) has reviewed the above named project in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended in 1980 and 1992, and the regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation as revised in 1999 and 2004. These regulations require consideration of the project's potential effect upon both historic and archaeological resources.

This report meets our standards and specifications as outlined in *Guidelines for Archaeological Investigations in Pennsylvania* (BHP 2008) and the Secretary of the Interior's Guidelines for Archaeological Documentation. This report documents two previously unrecorded archaeological sites with the project area. These sites include **GAI Site 12 (36Lu301)** and **GAI Site 13 (36Lu302)**.

We agree that **36Lu301** is potentially eligible for inclusion on the National Register of Historic Places. If this site cannot be avoided by project activities, then a Phase II investigation is necessary to formally determine site eligibility.

We agree that **36Lu302** is not eligible for inclusion on the National Register. In our opinion, no further archaeological work is necessary at this site.

Please send four additional copies of the final report (three bound and one unbound) for our files and distribution to the repositories.

Page 2  
20 May 2011  
ER# 81-0658-079-CC

If you need further information in this matter please consult Steven McDougal at (717) 772-0923.

Sincerely,

A handwritten signature in black ink, appearing to read "Douglas C. McLearen".

Douglas C. McLearen, Chief  
Division of Archaeology &  
Protection

Handwritten initials "for" in black ink.

cc: B. Munford, GAI Consultants, 385 E. Waterfront Dr., Homestead, PA  
S. Imboden, NRC, Mailstop T-6D38M  
J. Davis, NRC, Mailstop O-11F1

DCM/srm





Commonwealth of Pennsylvania  
Pennsylvania Historical and Museum Commission  
**Bureau for Historic Preservation**  
Commonwealth Keystone Building, 2<sup>nd</sup> Floor  
400 North Street  
Harrisburg, PA 17120-0093  
[www.phmc.state.pa.us](http://www.phmc.state.pa.us)

TO EXPEDITE REVIEW USE  
BHP REFERENCE NUMBER

23 August 2011

Rocco R. Sgarro  
PPL Bell Bend, LLC  
38 Bomboy Lane, Suite 2  
Berwick, PA 18603

Re: ER# 81-0658-079-BB  
NRC: Phase I Cultural Resources Investigation and  
Phase II National Register Site Evaluations, Bell  
Bend Nuclear Power Plant, Salem Township,  
Luzerne County, Pennsylvania

Dear Mr. Sgarro:

The Bureau for Historic Preservation (the State Historic Preservation Office) has reviewed the above named project in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended in 1980 and 1992, and the regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation as revised in 1999 and 2004. These regulations require consideration of the project's potential effect upon both historic and archaeological resources.

#### Archaeological Resources

This report meets our standards and specifications as outlined in *Guidelines for Archaeological Investigations in Pennsylvania* (BHP 2008) and the Secretary of the Interior's Guidelines for Archaeological Documentation. We agree that the following sites are not eligible for inclusion on the National Register of Historic Places: **36Lu279, 36Lu280, 36Lu281, 36Lu283, 36Lu285, and 36Lu286.**

It is our opinion that site **36Lu288** is eligible for inclusion in the National Register of Historic Places. The presence of intact, dateable cultural features in the northern half of the site, one of which was located within a buried A horizon, indicates a sufficient level of integrity to warrant this designation. Use of the **northern half of the site** as a lay-down area, where cultural features were found and artifact concentrations were highest, should be considered an adverse effect. We strongly recommend that this portion of the site be avoided by construction activities either by fencing off the area as a restricted location or by use of geotextile and fill as a protective measure. If these measures cannot be undertaken, then Phase III excavation should be undertaken to mitigate the adverse effect of the project to the eligible resource. No features were found in the **southern half of the site** and artifact concentrations were very low. As a result, use of this location as a lay-down area should be considered no adverse effect. If the project scope is

changed such that there will be impacts below 80 cm in any part of the site area, additional archaeological investigation will be necessary to determine whether there will be adverse effects to intact cultural material.

### **Historic Structures**

It is the opinion of the State Historic Preservation Officer that the following properties are not eligible for listing in the National Register of Historic Places:

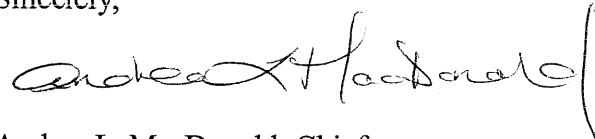
House (Red Brick Studios), Key# 155064  
North Market Street Bridge, Key# 155055

Stone Arch Bridge, Key# 155054

The Wapwallopen Historic District merits a site visit to properly evaluate its National Register eligibility potential. You will need to schedule a site visit with the Bureau staff.

If you need further information in this matter concerning archaeological resources please consult Steven McDougal at (717) 772-0923. For information concerning historic structures please consult Ann Safley at (717) 787-9121.

Sincerely,



Andrea L. MacDonald, Chief  
Division of Preservation Services

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