

memorandum

DATE: December 4, 2012

REPLY TO
ATTN OF: KEC-4

SUBJECT: Environmental Clearance Memorandum

TO: Joseph Bebee
Project Manager - TESH-CSB-2

Proposed Action: Keeler Substation-Control House Expansion

Categorical Exclusion Applied (from Subpart D, 10 C.F.R. Part 1021): B4.11 Electric power substations and interconnection facilities

Location: Hillsboro, Washington County, Oregon

Proposed by: Bonneville Power Administration (BPA)

Description of the Proposed Action: BPA is proposing to expand the control house within its existing Keeler Substation near Hillsboro, OR. The existing control house is a concrete panel structure approximately 2,780 sq. ft. on the main floor with a full basement. It is located within the high voltage substation and is an energized facility. The proposed 1,380 sq. ft. control house addition will provide space for new electrical equipment. The addition will require the partial removal of the south wall. Construction of the addition will take place within the previously disturbed substation yard.

Findings: BPA has determined that the proposed action complies with Section 1021.410 and Appendix B of Subpart D of the Department of Energy's (DOE) National Environmental Policy Act (NEPA) Regulations (57 FR 15144, Apr. 24, 1992, as amended at 61 FR 36221-36243, July 9, 1996; 61 FR 64608, Dec. 6, 1996, 76 FR 63764, Nov. 14, 2011). The proposed action does not present any extraordinary circumstances that may affect the significance of the environmental effects of the proposal. The proposal is not connected [40 C.F.R. 1508.25(a)(1)] to other actions with potentially significant impacts, has not been segmented to meet the definition of a categorical exclusion, is not related to other proposed actions with cumulatively significant impacts [40 C.F.R. 1508.25(a)(2)], and is not precluded by 40 C.F.R. 1506.1 or 10 C.F.R. 1021.211. Moreover, the proposed action would not (i) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, (ii) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities, (iii) disturb hazardous substances, pollutants, contaminants, or Comprehensive Environmental Response, Compensation and Liability Act-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases, (iv) have the potential to cause significant impacts on environmentally sensitive resources, or (v) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained

or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements.

During the environmental review process for this project, it was determined that the Keeler Control House was determined eligible for listing on the National Register of Historic Places and that the improvements to the control house might result in an adverse effect to the property. BPA entered into a Memorandum of Agreement with the State Historic Preservation Office that stipulated measures to be implemented to take into account the effect of the project on the historic property (Attached).

This proposed action meets the requirements for the Categorical Exclusion referenced above. We therefore determine that the proposed action may be categorically excluded from further NEPA review and documentation.

Based on the provisions identified in the attachment, this proposed action meets the requirements for the Categorical Exclusion referenced above. We therefore determine that the proposed action may be categorically excluded from further NEPA review and documentation.

/s/ Ted Gresh

Ted Gresh

Environmental Project Manager

Concur:

/s/ Stacy L. Mason

Stacy L. Mason

NEPA Compliance Officer

Date: December 4, 2012

Attachments:

Environmental Checklist for Categorical Exclusions

Memorandum of Agreement (MOA) between the Bonneville Power Administration and the Oregon State Historic Preservation Office regarding the Keeler Control House

Environmental Checklist for Categorical Exclusions

Name of Proposed Project: Keeler Substation-Control House Expansion

Work Order #: Work Order 267744, Task 01

This project has been found to **not** adversely affect the following environmentally sensitive resources, laws, and regulations:

Environmental Resources	No Adverse Effect	No Adverse Effect With Conditions
1. Cultural Resources Attached to this Checklist is the MOA that details the mitigation measures performed by BPA to mitigate for the impact to the Keeler Substation, which was determined to be eligible for the National Register of Historic Places.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. T & E Species, or their habitat(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Floodplains or wetlands	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Areas of special designation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Health & safety	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Prime agricultural lands	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Special sources of water	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Consistency with state and local laws and regulations	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Pollution control at Federal facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Other	<input type="checkbox"/>	<input type="checkbox"/>

List supporting documentation attached (if needed):
Keeler MOA

Signed: /s/ Ted Gresh

Date: December 4, 2012

MEMORANDUM OF AGREEMENT
BETWEEN THE BONNEVILLE POWER ADMINISTRATION
AND THE
OREGON STATE HISTORIC PRESERVATION OFFICE
REGARDING THE KEELER CONTROL HOUSE

WHEREAS, the Bonneville Power Administration (BPA) plans to expand the control house within the Keeler Substation (Project); and

WHEREAS, BPA plans to fund the Project as authorized by various statutes, including the Federal Columbia River Transmission System Act of 1974, thereby making the Project an undertaking subject to review under Section 106 of the National Historic Preservation Act (NHPA), 16 U.S.C. § 470f, and its implementing regulations, 36 C.F.R. part 800; and

WHEREAS, BPA has defined the undertaking's area of potential effect (APE) as the Keeler Control House and the surrounding area (see Attachment A); and

WHEREAS BPA has determined that the undertaking may have an adverse effect on the Keeler Control House, which is eligible for listing on the National Register of Historic Places under Criterion A, and has consulted with the Oregon Historic Preservation Officer (SHPO) pursuant to 36 C.F.R. part 800; and

WHEREAS, BPA has consulted with the Confederated Tribes of Grand Ronde and the Confederated Tribes of the Siletz Indians regarding the effects of the undertaking on historic properties; and

WHEREAS, in accordance with 36 C.F.R. § 800.6(a)(1), BPA has notified the Advisory Council on Historic Preservation (ACHP) of its adverse effect determination providing the specified documentation, and the ACHP has chosen not to participate in the consultation pursuant to 36 C.F.R. § 800.6(a)(1)(iii);

NOW, THEREFORE, BPA and the SHPO agree that the undertaking shall be implemented in accordance with the following stipulations in order to take into account the effect of the undertaking on historic properties.

STIPULATIONS

BPA shall ensure that the following measures are carried out:

- I. BPA will document the Keeler Control House according to Oregon SHPO Documentation standards current at signing, included as Attachment B. (Also found at <http://www.oregon.gov/OPRD/HCD/SHPO/docs/OregonSHPODocumentationStandards.pdf>).
- A. A draft copy will be sent to SHPO for approval prior to final submittal.
- B. BPA will send approved copies of the full documentation to the Allied Arts and Architecture (AAA) Library Architecture & Allied Arts Library, 205C Lawrence Hall, University of Oregon, Eugene, OR 97401, a paper copy to SHPO, and retain a copy in the office.
- C. Copies of the original architectural drawings will be archived in the BPA Library or submitted to the AAA Library with the full documentation.

II. DURATION

This MOA will be null and void if its stipulations are not carried out within three (3) years the date of its execution. At such time, and prior to work continuing on the undertaking, BPA shall either (a) execute a MOA pursuant to 36 C.F.R. § 800.6, or (b) request, take into account, and respond to the comments of the ACHP under 36 C.F.R. § 800.7. Prior to such time, BPA may consult with the Oregon SHPO to reconsider the terms of the MOA and amend it in accordance with Stipulation VII below. BPA shall notify the Oregon SHPO as to the course of action it will pursue.

III. POST-REVIEW DISCOVERIES

If potential historic properties are discovered or unanticipated effects on historic properties found, BPA shall implement the discovery plan included as Attachment C of this MOA.

IV. DISPUTE RESOLUTION

Should any signatory to this MOA object at any time to any actions proposed or the manner in which the terms of this MOA are implemented, BPA shall consult with such party to resolve the objection. If BPA determines that such objection cannot be resolved, BPA will:

- A. Forward all documentation relevant to the dispute, including the BPA's proposed resolution, to the ACHP. The ACHP shall provide BPA with its advice on the resolution of the objection within thirty (30) days of receiving adequate documentation. Prior to reaching a final decision on the dispute, BPA shall prepare a written response that takes into account any timely advice or comments regarding the dispute from the ACHP, signatories and concurring parties, and provide them with a copy of this written response. BPA will then proceed according to its final decision.

B. If the ACHP does not provide its advice regarding the dispute within the thirty (30) day time period, BPA may make a final decision on the dispute and proceed accordingly. Prior to reaching such a final decision, BPA shall prepare a written response that takes into account any timely comments regarding the dispute from the signatories and concurring parties to the MOA, and provide them and the ACHP with a copy of such written response.

C. BPA's responsibility to carry out all other actions subject to the terms of this MOA that are not the subject of the dispute remain unchanged.

V. AMENDMENTS

This MOA may be amended when such an amendment is agreed to in writing by all signatories. The amendment will be effective on the date a copy signed by all of the signatories is filed with the ACHP.

VI. TERMINATION

If any signatory to this MOA determines that its terms will not or cannot be carried out, that party shall immediately consult with the other parties to attempt to develop an amendment per Stipulation VII, above. If within thirty (30) days (or another time period agreed to by all signatories) an amendment cannot be reached, any signatory may terminate the MOA upon written notification to the other signatories.

Once the MOA is terminated, and prior to work continuing on the undertaking, BPA must either (a) execute an MOA pursuant to 36 CFR § 800.6, or (b) request, take into account, and respond to the comments of the ACHP under 36 CFR § 800.7. BPA shall notify the signatories as to the course of action it will pursue.

EXECUTION of this MOA by the BPA and SHPO and implementation of its terms evidence that BPA has taken into account the effects of this undertaking on historic properties and afforded the ACHP an opportunity to comment.

Attachment A – Area of Potential Effects map

Attachment B – Oregon SHPO Documentation standards

Attachment C – Inadvertent Discoveries Procedure

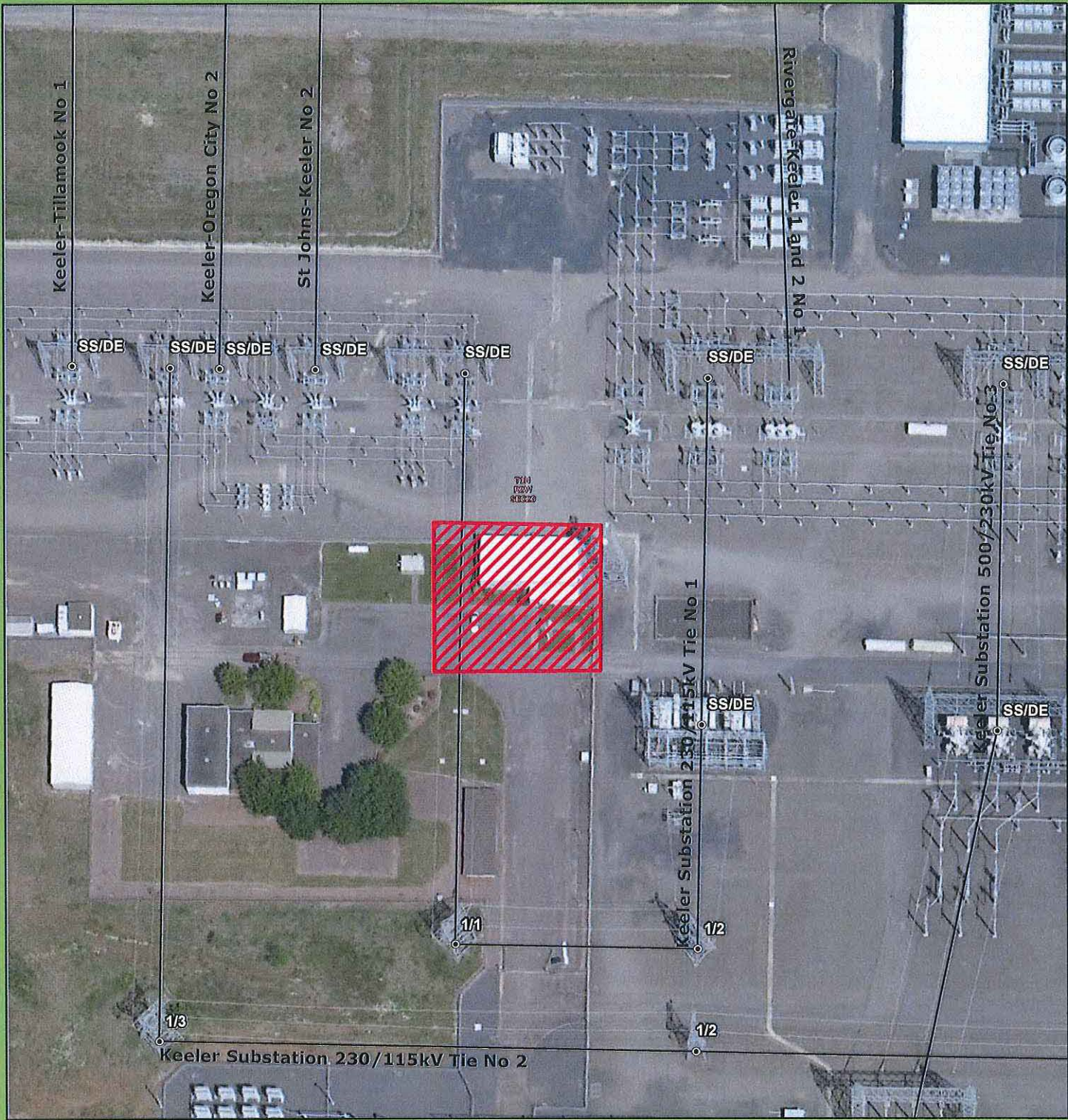
SIGNATORIES:

Bonneville Power Administration





/s/ Lydia T. Grimm acting for: Date July 5, 2012
F. Lorraine Bodi, Vice-President Environment Fish & Wildlife

Oregon State Historic Preservation Office

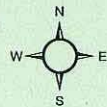
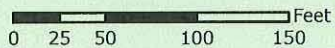
/s/ Christine Curran for: Date 7-25-12
Roger Roper, Deputy State Historic Preservation Officer



Keeler Substation-Control House Expansion APE Map
 Washington County, OR. Hillsboro USGS 24k Quad.

-  Area of Potential Effect
-  Township/Range/Section (PLSS)
-  BPA Transmission Line
-  BPA Transmission Tower

1 inch = 100 feet



October 21, 2011

Oregon SHPO Documentation Standards

Mitigation for Adverse Effects under Section 106 of the National Historic Preservation Act or ORS 358.653

In cases where an action by a local, state or federal agency will adversely affect a listed or potentially-eligible National Register property, documentation may be required as part of the mitigation for the undertaking. Documentation is not necessarily adequate in all cases. Agencies should contact the Oregon State Historic Preservation Office (SHPO) before planning or completing any mitigation measures, including documentation.

State Level Documentation

The following items are required for all state level documentation. See below for true HABS /HAER documentation.

1. Architectural description of the building
Description should not be less than 500 words and use appropriate architectural terms.
2. Building history
History of not less than 500 words discussing at least when the building was constructed and by whom, the building or structure's use over time, and any important persons or events associated with the resource. Contact the Oregon SHPO for research suggestions.
3. Bibliography
Include a bibliography of all resources used in the preparation of the document, including sources for appended archival materials described in item 8
4. United States Geological Survey (USGS) Map with the location of the property marked.
A portion of the entire map may be printed for free from a website such as topoquest.com and marked by hand.
5. Scale site plan of the subject building or structure and adjacent buildings and structures on the same tax lot
Drawing may be done by hand as long as it reasonably to scale. Include the name of the person completing the map, date the map was completed, map scale, and north arrow on the map. The name and/or use of each building, structure, object, and adjacent streets on the map should be labeled.
6. Scale Floor plans for each floor of the subject building or structure.
Drawing may be done by hand as long as it reasonable to scale. Include the name of the person completing the map, date the map was completed, map scale, and north arrow on the map. The name and/or use of each space should be labeled.
7. Photographs of the building or structure interior and exterior.
Photos may be taken as 35mm black-and-white 4x6 images or as color digital images. Digital and print images and prints must meet all aspects of the Oregon SHPO Digital Photo Checklist available at the SHPO website: http://www.oregonheritage.org/OPRD/HCD/NATREG/nrhp_documents.shtml .
8. Archival materials
If available, include original architectural drawings or maps, brochures, photos, newspaper clippings, or other archival items of interest relating to the history of the building or structure.

Provide two complete sets of documentation to the Oregon SHPO, including photos, for deposit at the Oregon Historical Society and the Allied Arts and Architecture Library at the University of Oregon. Send a third set without photos to be archived at the SHPO office. Photos should be printed on proof sheets. A fourth full set may be required in cases where there is a local repository that is interested in receiving the materials.

Historic American Building Survey (HABS) and Historic American Engineering Record (HAER) Documentation.

In cases where HABS / HAER documentation is required, the provided materials must meet all standards set by the National Heritage Documentation Programs Office, including archiving at the Library of Congress. The level of documentation is negotiated on a case-by-case basis between the agency managing the project and the Oregon SHPO. Documentation standards may be found at: <http://www.nps.gov/hdp/> .

BONNEVILLE POWER ADMINISTRATION
INADVERTENT DISCOVERY OF CULTURAL RESOURCES PROCEDURE

Under federal law, the BPA has the responsibility to protect cultural resources that are inadvertently discovered on federally owned land or during federally funded projects. This document is intended to be used by individuals working on BPA funded projects who, through the course of their work, might inadvertently discover cultural resources.

INADVERTENT DISCOVERY - If your work brings you into contact with any of the following cultural resources:

- Native American cultural artifacts – flakes, arrowheads, stone tools, bone tools, pottery, etc.
- Historic era artifacts – building foundations, homesteads, shipwrecks, mining camps, etc.
- Human skeletal remains and bone fragments

You must immediately discontinue all ground-disturbing activity. Do not touch or move the objects and maintain the confidentiality of the site.

Follow the procedures below and await further direction from BPA's Cultural Resources Staff.

CULTURAL RESOURCES DISCOVERY PROCEDURE:

- Stop any ground disturbing activity immediately. **This may be a crime scene.** When bone fragments or possible Native American artifacts are found, study the objects **WITHOUT disturbing, touching, or moving them.** Removing bone fragments, artifacts, and other items from any archaeological site, without proper authorization, is **against the law.** Violators could be charged in state or federal court resulting in a fine or imprisonment, depending on the level of conduct.
- Contact BPA Cultural Resources (CR) staff immediately. Beginning with office phone numbers, continue calling down the list until you speak with someone. If no one from the CR staff is available to take your call and it is during regular business hours, contact Leasia Day at 503-230-5159 or Michelle Bennett at 503-230-3900. Should no one be available, please call CR staff on their work cell phones.

Name	Office #	Cell #	Email Address	Mailing Address
Liz Oliver	503-230-7554	503-957-3997	eaoliver@bpa.gov	Bonneville Power Administration 905 NE 11 th Ave.
Sunshine Clark Schmidt	503-230-5015	503-250-1815	srclark@bpa.gov	
Kevin Cannell	503-230-4454	503-459-7686	kgcannell@bpa.gov	

- Contact your direct supervisor & the project manager.
- Immediately complete the *Cultural Resource Discovery Report form* (attached) and send/e-mail to ALL of the BPA CR staff listed above.
- Do not draw attention to the area with any obvious flagging or markers.** Maintain confidentiality concerning the discovery of the cultural resource, and do not discuss with anyone other than the contact people listed above as required by the BPA Cultural Resource Discovery Report *Statement of Confidentiality.*
- Only* after following the checklist, completing the Cultural Resource Discovery Report form and obtaining approval from your supervisor, should work continue on your work task or project.
- If you are a supervisor, you should obtain guidance from BPA's Cultural Resources staff (listed above). This protects the artifacts and sites, and limits BPA's liability and your personal liability.

Initials of CR Staff and Date Received: _____
(Updated April 2008)

Bonneville Power Administration
Cultural Resources Discovery Report
Confidential

Name of BPA Archaeologist contacted: _____ Date: _____

Name of person filling out this form: _____ Date: _____

Phone Number: _____ Email Address: _____

Project Name: _____ Project Description: _____

Who discovered the materials?

Name: _____ Phone # (req.): _____

Direct Supervisor: _____ Phone # (req.): _____

Project Manager: _____ Phone # (req.): _____

Property Owner of Discovery Site:

Federal Agency: _____

State of: _____ State Agency: _____

City: _____

County: _____

Private Landowner: _____ Phone #: _____

Address: _____

Street _____ City _____ State _____ Zip _____

BPA Region: _____ District: _____

If on a BPA ROW, Name Transmission Line: _____ Closest Tower #: _____

Nearest Major Cross Roads/Intersection: _____

State of: _____ County of: _____ Nearest Town: _____

Location:

Township: _____ Range: _____ Section: _____ ¼ Section: NW NE SW SE

Describe access to site: _____

Describe the event(s) that resulted in the discovery: _____

Describe what, to the best of your knowledge, was discovered: _____

Have you removed potential cultural resources during or after discovery? Yes No

If so, describe the item(s) and indicate how they were removed or disturbed, and where they are now:

Statement of Confidentiality

When dealing with or working around culturally sensitive sites, be aware that their significance and importance is unparalleled in Western society and that they hold great spiritual meaning for Native Americans. Also, federal law protects cultural resources whether it is Native American cultural objects, historic era artifacts or human skeletal remains. Therefore it is imperative that the location of any sites be privileged information and closely held. Do not share information with anyone who might pass on knowledge of this site to thieves/collectors. These measures are not only for the sanctity of the site and Native Americans, but for BPA's and your own legal liability as well.

Please send completed form to one of BPA's archeologists at:
Bonneville Power Administration, KEC-4 Cultural Resources, 905 NE 11th Ave. Portland, OR 97232

Initials of CR Staff and Date Received: _____

(Updated April 2008)