

memorandum

DATE: December 29, 2013

REPLY TO
ATTN OF: KEPR-4

SUBJECT: Environmental Clearance Memorandum

TO: Molly Kovaka
Contractor – TEP-CSB-2

Proposed Action: Electronic Equipment Upgrades

PP&A Project No: 2833

Categorical Exclusion Applied (from Subpart D, 10 C.F.R. Part 1021): B1.7 Electronic Equipment

Location: Multiple locations within Bonneville Power Administration's (BPA) service area.

Proposed by: BPA

Description of the Proposed Action: BPA proposes to upgrade electronic equipment required for operation and maintenance of its transmission grid. Several types of actions involving communications, meters, relays, Remedial Action Scheme (RAS) and Supervisory Control and Data Acquisition (SCADA) system upgrades would fall into this class of actions. These actions would only occur inside existing facilities and require no major building modifications (e.g. tearing out walls), do not disturb the ground and do not involve hazardous materials (e.g. no old lead-acid batteries to retire and no building modifications that might expose asbestos). For specific activities at specific locations, refer to the attachment, Table 1. Other comparable equipment upgrades and replacements not listed in Table 1 may also be proposed and installed in 2014 and 2015.

Findings: BPA has determined that the proposed action complies with Section 1021.410 and Appendix B of Subpart D of the Department of Energy (DOE) National Environmental Policy Act (NEPA) Regulations (57 FR 15144, April 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.

Based on the provisions identified on 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/ Philip W. Smith
Philip W. Smith
Manager, Regional and Technical Services

Concur: /s/ Katherine S. Pierce
Katherine S. Pierce
NEPA Compliance Officer

Date: December 29, 2013

Attachments:
Environmental Checklist for Categorical Exclusions
2014 Electronic Equipment and Emergency Generator Projects

Attachment 1
2014-2015 Electronic Equipment

Projects projected for 2014 include but are not limited to those listed in this table.

Facility	Project Activity	State	County
Alcoa Substation	Digital Communications Equipment	WA	Clark
Chenoweth Substation	Bus Differential Relay Replacement	OR	Wasco
Buckley Substation	Radio Equipment	OR	Sherman
Captain Jack Substation	Radio Equipment	OR	Klamath
Patricks Knob	Radio Equipment	MT	Sanders
Hatwai Substation	Radio Equipment	ID	Nez Perce
Garrison Substation	Radio Equipment	MT	Powell
Allston Substation	Phone System Replacement	OR	Columbia
Boundary Substation	Phone System Replacement	WA	Pend Oreille
Chehalis Substation	Phone System Replacement	WA	Lewis
Summer Lake Substation	Phone System Replacement	OR	Lake
Echo Lake Substation	Phone System Replacement	WA	King
The Starr Complex (Big Eddy/Celilo)	Phone System Replacement	OR	Wasco
Grizzly Substation	Phone System Replacement	OR	Jefferson
Hanford Substation	Phone System Replacement	WA	Benton
Keeler Substation	Phone System Replacement	OR	Washington
Maple Valley Substation	Phone System Replacement	WA	King
Monroe Substation	Phone System Replacement	WA	Snohomish
North Bonneville Substation	Phone System Replacement	WA	Skamania
Ostrander Substation	Phone System Replacement	WA	Clackamas
Paul Substation	Phone System Replacement	WA	Lewis
Pearl Substation	Phone System Replacement	OR	Clackamas
Marion Substation	Phone System Replacement	OR	Marion
Salem Substation	Phone System Replacement	OR	Polk
Santiam Substation	Phone System Replacement	OR	Linn
Chenoweth	Meter Replacement	OR	Wasco
Columbia Substation	FIN Replacement	WA	Chelan
Bell	FIN Replacement	WA	Spokane
Lancaster Substation	FIN Replacement	WAID	Kootenai
Lopez Island Substation	FIN Replacement	WA	San Juan
Snohomish Substation	FIN Replacement	WA	Snohomish
Kitsap Substation	FIN Replacement	WA	Kitsap
Napavine Substation	FIN Replacement	WA	Lewis
Paul Substation	FIN Replacement	WA	Lewis
Substation X	FIN Replacement	WA	Kitsap
Covington Substation	FIN Replacement	WA	King
Echo Lake Substation	FIN Replacement	WA	King
Maple Valley Substation	FIN Replacement	WA	King
South Tacoma Substation	FIN Replacement	WA	Pierce
Tacoma Substation	FIN Replacement	WA	pierce

Attachment 1			
2014-2015 Electronic Equipment			
Projects projected for 2014 include but are not limited to those listed in this table.			
Facility	Project Activity	State	County
Chenoweth Substation	FIN Replacement	OR	Wasco
John Day Substation	FIN Replacement	OR	Sherman
Wasco Radio Station	FIN Replacement	OR	Sherman
Calpine Substation	FIN Replacement	ORID	Kootenai
Coyote Springs Substation	FIN Replacement	OR	Morrow
McNary Substation	FIN Replacement (2 Units)	OR	Umatilla
Roosevelt Radio Station	FIN Replacement	WA	Klickitat
Wautoma Substation	FIN Replacement	WA	Benton
Red Mountain	FIN Replacement	WA	Benton
Allston Substation	FIN Replacement	OR	Columbia
Blue Ridge Radio Station	FIN Replacement	OR	Coos
Ross Ampere Building	FIN Replacement	WA	Clark
West Portland Radio Station	FIN Replacement	OR	Multnomah
Keeler Substation	FIN Replacement	OR	Washington
Prospect Hill Radio Station	FIN Replacement	OR	Marion
Alvey Substation	FIN Replacement	OR	Lane
Walnut Creek (McMinnville W&P)	Meter Replacement	OR	Yamhill
Blacktail Peak Radio Station	FIN Replacement	MT	Flathead
Conkelley Substation	FIN Replacement and installation of Substation Information Server (GE D400)	MT	Flathead
Bald Mountain Radio Station	FIN Replacement	MT	Mineral
Cosmopolis Substation	FIN Replacement	WA	Grays Harbor
Columbia Falls 115-kV Substation	FIN Replacement and installation GE D400	MT	Flathead
Anaconda Substation	FIN Replacement and installation GE D400	MT	Deer Lodge
Columbia Falls 230-kV Substation	FIN Replacement and installation GE D400	MT	Flathead
Hungry Horse Radio Station	FIN Replacement	MT	Flathead
Thompson Falls Radio Station	FIN Replacement	MT	Sanders
Rattlesnake Substation (Foreign)	FIN Replacement	MT	Missoula
Rocky Ridge Radio Station	FIN Replacement	MT	Powell
Libby Substation	Installation GE D400	MT	Lincoln

Attachment 1			
2014-2015 Electronic Equipment			
Projects projected for 2014 include but are not limited to those listed in this table.			
Facility	Project Activity	State	County
Patrick's Knob Radio Station	FIN Replacement	MT	Sanders
Lancaster Substation	Installation GE D400	ID	Kootenai
Miller Peak Radio Station	FIN Replacement	MT	Missoula
Libby Powerhouse (foreign)	Retirement only DDN	MT	Lincoln
Hot Springs Substation	Retirement only DDN	MT	Sanders
Kalispell Substation	Retirement only DDN	MT	Flathead
Kalispell Maintenance HQ	Retirement only DDN	MT	Flathead
Hungry Horse Power House (foreign)	Retirement only DDN	MT	Flathead
Taft Substation	Retirement only DDN	MT	Mineral
Garrison Substation	Retirement only DDN	MT	Powell
Flathead Substation	Retirement only DDN	MT	Flathead
BC Hydro Communication Facilities	Replace Line Loss Logic equipment		

PMU-Phasor Measurement Unit

DDN-District Data Network

FIN-Field Information Network

Environmental Checklist for Categorical Exclusions

Name of Proposed Project: 2014 Electronic Equipment Upgrades

PP&A Project No.: PP&A-2833

Prepared by: P. Smith Routing: KEPR-4 Date: 11/12/2013

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 All work within existing facilities and require no major building modifications (e.g. tearing out walls) and do not disturb the ground. No impacts to historical properties.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. T & E Species, or their habitat(s) Work occurs within existing buildings. No effect on T&E species or habitats.	<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 checked="" type="checkbox"/>	<input type="checkbox"/>

List supporting documentation attached (if needed):

Signed: /s/ Philip W. Smith

Date: December 27, 2013

Philip W. Smith, KEPR-4