memorandum

DATE: April 12, 2013

REPLY TO ATTN OF: KEPR-4

SUBJECT: Environmental Cleareance Memorandum

то: Molly Kovaka Contractor – TEP-CSB-2 Bob Trismen Electrical Engineer – TEP-CSB-1

Proposed Action: Electronic Equipment Upgrades and Emergency Generator Replacements

PP&A Project No: 2571

<u>Categorical Exclusion Applied (from Subpart D, 10 C.F.R. Part 1021)</u>: B1.7 Electronic Equipment; B1.3 Routine maintenance activities

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 of its transmission grid and replace emergency generators. Several types of actions involving communications, meters, relays, and Remedial Action Scheme (RAS) and Supervisory Control and Data Acquistion (SCADA) system upgrades would fall into this class. 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 2013.

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 Fed. Reg. 1512.2, April 24, 1992). 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, 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

Bonneville Power Administration

pre-exist in the environment such that there would be uncontrolled or un-permitted releases; or (iv) adversely affect environmentally sensitive resources.

With the actions 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: April 12, 2013

Attachments: Environmental Checklist for Categorical Exclusions 2013 Electronic Equipment and Emergency Generator Projects

Attachment 1

2013 Electronic Equipment and Emergency Generator Projects

Projects projected for 2013 include but are not limited to those listed in this table.

| Facility | Project Activity | State | County | Township | Range | Section |
|-------------------------|--------------------|-------|-----------|----------|-------|---------|
| Maple Valley | Phasor Measurement | WA | King | 23N | 4E | 20 |
| Substation | Units (PMU) | | | | | |
| Pearl Substation | PMU | OR | Clackamas | 35 | 1W | 11 |
| Paul Substation | PMU | WA | Lewis | 15N | 2W | 25 |
| Ostrander | PMU | OR | Clackamas | 25 | 3E | 26 |
| Substation | | | | | | |
| Olympia | PMU | WA | Thurston | 18N | 2W | 32 |
| Substation | | | | | | |
| Noxon | PMU | MT | Sanders | 25N | 32W | 4 |
| Construction | | | | | | |
| Substation | | | | | | |
| North Bonneville | PMU | WA | Skamania | 2N | 7E | 39 |
| Substation | | | | | | |
| Napavine | PMU | WA | Lewis | 13N | 2W | 10 |
| Substation | | | | | | |
| Munro CC | PMU | WA | Spokane | | | |
| Monroe Substation | PMU | WA | Snohomish | 28N | 7E | 27 |
| Raver Substation | PMU | WA | King | 21N | 7E | 5 |
| Marion Substation | PMU | OR | Marion | 17S | 5W | 36 |
| Slatt Substation | PMU | OR | Gilliam | 3N | 21E | 35 |
| McNary Substation | PMU | OR | Umatilla | 5N | 28E | 9 |
| River Road | PMU | OR | Lane | 17S | 4W | 2 |
| Substation | | | | | | |
| Ross Substation | PMU | WA | Clark | 2N | 1E | 14 |
| Santiam | PMU | OR | Marion | 9S | 1E | 22 |
| Substation | | | | | | |
| Wautoma | PMU | WA | Benton | 12N | 24E | 20 |
| Substation | | | | | | |
| Schultz Substation | PMU | WA | Kittitas | 19N | 19E | 19 |
| Rock Creek | PMU | WA | Klickitat | 4N | 18E | 34 |
| Substation | | | | | | |
| Sno-king | PMU | WA | Snohomish | 27N | 5E | 20 |
| Substation | | | | | | |
| South Tacoma | PMU | WA | Pierce | 19N | 3E | 36 |
| Substation | | | | | | |
| Summer Lake | PMU | OR | Lake | 295 | 15E | 33 |
| Substation | | | | | | |
| Taft Substation | PMU | MT | Mineral | 20N | 31E | 31 |
| Troutdale | PMU | OR | Multnomah | 1N | 3E | 23 |
| Substation | | | | | | |
| Malin Substation | PMU | OR | Klamath | 41S | 13E | 17 |
| Shelton Substation | PMU | WA | Mason | 20N | 4W | 37 |

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Attachment 1

2013 Electronic Equipment and Emergency Generator Projects

Projects projected for 2013 include but are not limited to those listed in this table.

| Facility | Project Activity | State | County | Township | Range | Section |
|--------------------------|------------------|-------|-------------|----------|-------|---------|
| Satsop Substation | PMU | WA | Grays | 17N | 6W | 8 |
| | | | Harbor | | | |
| Coyote Springs | PMU | OR | Morrow | 4N | 25E | 10 |
| Substation | | | | | | |
| Snohomish | PMU | WA | Snohomish | 28N | 5E | 12 |
| Substation | | | | | | |
| Alvey Substation | PMU | OR | Lane | 18S | 3W | 14 |
| Ashe Substation | PMU | WA | Benton | 12N | 28E | 32 |
| Bell Substation | PMU | WA | Spokane | 26N | 43E | 16 |
| Big Eddy | PMU | OR | Wasco | 2N | 14E | 31 |
| Substation | | | | | | |
| Boundary | PMU | WA | Pend | 40N | 43E | 10 |
| Substation | | | Oreille | | | |
| Captain Jack | PMU | OR | Klamath | 40S | 12E | 22 |
| Substation | | | | | | |
| Lower | PMU | WA | Walla Walla | 12N | 34E | 3 |
| Monumental | | | | | | |
| Substation | | | | | | |
| Chehalis | PMU | WA | Cowlitz | 13N | 2W | 21 |
| Substation | | | | | | |
| Allston Substation | PMU | OR | Clatsop | 7N | 3W | 10 |
| Chemawa | PMU | WA | Marion | 6S | 3W | 25 |
| Substation | | | | | | |
| Covington | PMU | WA | King | 22N | 5E | 36 |
| Substation | | | | | | |
| Custer Substation | PMU | WA | Whatcom | 39N | 1E | 1 |
| Harvalum | PMU | WA | Sherman | 3N | 17E | 20 |
| Substation | | | | | | |
| Longview | PMU | WA | Cowlitz | 8N | 3W | 38 |
| Substation | | | | | | |
| Libby Substation | PMU | MT | Lincoln | 31N | 31W | 34 |
| Lancaster | PMU | ID | Kootenai | 51N | 5W | 11 |
| Substation | | | | | | |
| Keeler Substation | PMU | OR | Washington | 1N | 2W | 23 |
| Chief Joseph | PMU | WA | Douglas | 29N | 25E | 26 |
| Substation | | | | | | |
| John Day | PMU | OR | Sherman | 2N | 17E | 7 |
| Substation | | | | | | |
| Dittmer CC | PMU | WA | Clark | | | |
| Hanford | PMU | WA | Benton | 14N | 26E | 28 |
| Substation | | | | | | |
| Grizzly Substation | PMU | OR | Jefferson | 12S | 14E | 35 |

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Attachment 1

2013 Electronic Equipment and Emergency Generator Projects

Projects projected for 2013 include but are not limited to those listed in this table.

| Facility | Project Activity | State | County | Township | Range | Section |
|---------------------|------------------------------------|-------|-----------|----------|-------|---------|
| Grand Coulee | PMU | WA | Grant | 28N | 30E | 2 |
| Substation | | | | | | |
| Garrison | PMU | MT | Powell | 9N | 10W | 20 |
| Substation | | | | | | |
| Fairmount | PMU | WA | Jefferson | 29N | 2W | 25 |
| Substation, | | | | | | |
| Echo Lake | PMU | WA | King | 23N | 7E | 11 |
| Substation | | | | | | |
| Jones Canyon | PMU | OR | Gilliam | 2N | 21E | 8 |
| Substation | | | | | | |
| Port Townsend | Meter Replacement | WA | Jefferson | 30N | 1W | 15 |
| Substation | | | | | | |
| Benton PUD- | Meter Replacement | WA | Benton | 8N | 30E | 23 |
| Phillips Substation | | | | | | |
| Benton PUD- | Meter Replacement | WA | Benton | 8N | 30E | 24 |
| Chevron | | | | | | |
| Substation | | | | | | |
| Columbia PUD- | Meter Replacement | WA | Columbia | 10N | 39E | 20 |
| Dayton Substation | | | | | | |
| Clearwater Power- | Meter Replacement | ID | Latah | 39N | 5W | 15 |
| Moscow | | | | | | |
| Substation | | | | | | |
| Benton PUD-Reata | Meter Replacement | WA | Benton | 8N | 28E | 4 |
| Substation | | | | | | |
| Benton REA- Huard | Meter Replacement | WA | Benton | 9N | 24E | 24 |
| Road Substation | | | | | | |
| Surprise Valley | Meter Replacement | OR | Lake | 39S | 20E | 9 |
| Electric's Lakeview | | | | | | |
| switching station | | | | | 105 | |
| Surprise Valley | Meter Replacement | OR | Lake | 33S | 18E | 23 |
| Electric's Paisley | | | | | | |
| Geothermal | | | | | | |
| Project | Emorgonau Conorator | OR | Columbia | 7N | 2W | 34 |
| Rainier RS | Emergency Generator Replacement | UR | Columbia | 7 IN | 2 VV | 54 |
| Maglar DC | Emergency Generator | WA | Pacific | 9N | 10W | 14 |
| Megler RS | Replacement | VVA | raciiic | JIN | 1000 | 14 |
| Mt. Spokane RS | Emergency Generator | WA | Spokane | 28N | 45E | 16 |
| wit. Spokalle NS | Replacement | | Sporalle | 2011 | 4JL | 10 |
| Ashe Substation | Replacement of District | WA | | 12N | 28E | 32 |
| | Data Network (DDN) | | Benton | TTIN | 201 | 52 |
| | | | Benton | | | |
| | with Field Information | | | | | |
| | Network (FIN) | | | | | |

Attachment 1

2013 Electronic Equipment and Emergency Generator Projects

Projects projected for 2013 include but are not limited to those listed in this table.

| | | | 1 | 1 | r | |
|--------------------|----------------------|-------|----------|----------|-------|---------|
| Facility | Project Activity | State | County | Township | Range | Section |
| Hanford | Replacement of (DDN) | WA | Benton | 14N | 26E | 28 |
| Substation | (FIN) | | | | | |
| Midway | Replacement of (DDN) | WA | Benton | 13N | 24E | 14 |
| Substation | (FIN) | | | | | |
| Alfalfa Substation | Replacement of (DDN) | WA | Yakima | 9N | 21E | 5 |
| | (FIN) | | | | | |
| East Omak | Replacement of (DDN) | WA | Okanogan | 34N | 26E | 24 |
| Substation | (FIN) | | | | | |
| Ellensburg | Replacement of (DDN) | WA | Kittitas | 17N | 18E | 3 |
| Substation | (FIN) | | | | | |

PMU-Phasor Measurement Unit DDN-District Data Network FIN-Field Information Network 6

| Environmental Checklist for Categorical Exclusions | | | | | | |
|--|--------------------------|-------------------------|---|--|--|--|
| Name of Proposed Project: Electronic Equipment Upgrades and Emergency Generator Replacements | | | | | | |
| PP&A Project No.: PP&A-2571 | | | | | | |
| Prepared by: P. Smith | Routing: K | EPR-4 | Date: <u>4/2/13</u> | | | |
| This project has been found to <u>not</u> adversely affect the following environmentally sensitive resources, laws, and regulations: | | | | | | |
| Environmental Resou | rces | No Adverse Effect | No Adverse Effect with conditions | | | |
| 1. Cultural Resources | | X | | | | |
| All work within existing facilities and re disturb the ground. No impacts to histor | | odifications (e.g. | tearing out walls) and do not | | | |
| 2. T & E Species, or their habitat(s) | | X | | | | |
| Work occurs within existing buildings. | No effect on T&E species | or habitats. | | | | |
| 3. Floodplains or wetlands | | X | | | | |
| 4. Areas of special designation | | X | | | | |
| 5. Health & safety | | X | | | | |
| 6. Prime agricultural lands | | X | | | | |
| 7. Special sources of water | | X | | | | |
| 8. Consistency with state and local l | aws and regulations | X | | | | |
| 9. Pollution control at Federal facilit | ies | X | | | | |
| 10. Other | | X | | | | |
| | | | | | | |

List supporting documentation attached (if needed):