

memorandum

DATE: April 13, 2012

REPLY TO
ATTN OF: KEP-4

SUBJECT: Supplement Analysis for the Transmission System Vegetation Management Program FEIS (DOE/EIS-0285/SA 467- Bell-Boundary #3 Transmission Line Corridor

Project No. PP&A 2245

to: Tom Murphy – TFBV-Bell-1
Natural Resource Specialist

Proposed Action: Vegetation management along the Bell-Boundary #3, 230-kV double circuit transmission line corridor right-of-way (ROW) from mile 1 to mile 84

Location: The project is located in Spokane, Stevens and Pend Oreille counties, Washington

Proposed by: Bonneville Power Administration (BPA)

Description of the Proposal: BPA proposes to remove tall growing and noxious vegetation from the ROW, structure sites and access roads that can potentially interfere with the operation, maintenance, and reliability of the transmission line. All vegetation management activities will be performed in accordance with the BPA Master Agreement Statement of Work for Vegetation Control on BPA Transmission Line Rights-of-Way and in accordance with the specific details identified in the vegetation management checklist and detail/prescription sheet.

Vegetation management will occur along the Bell-Boundary #3 transmission line corridor. The Bell-Boundary line is a double-circuit with three different 115-kV transmission lines (Bell-Addy #1, Addy-Colville #1, and Colville-Boundary #1) along different sections of the corridor. This proposal covers the right-of-way width of 100 feet totaling approximately 586.6 acres of debris disposal.

Tall growing and noxious vegetation and reclaim trees will be removed and/or controlled inside the ROW using selective and nonselective methods that may include hand cutting, mowing, and herbicidal treatment. Danger trees adjacent to the ROW will also be removed and/or controlled. Low growing vegetation will be protected along the ROW with the exception of brush at the base of transmission structures, tower sites, and within access roads.

Debris disposal will be a combination of cut, lop and scatter, mulching and mechanical chipping. Re-seeding using a native seed mix will occur as necessary to stabilize traveled surfaces. Germination success will be monitored during the next growing season and follow-up seeding will be performed as needed. Initial vegetation control will begin in 2012 and follow up vegetation control will occur in 2013 depending upon inspection and initial treatment effectiveness. The transmission line ROW, structure sites and access roads will be maintained on a 4-to-5 year cycle depending upon vegetation control effectiveness.

The proposed action will promote safe and timely access to the transmission line, which will help reduce outage times and maintain reliable power in the region. All work performed will be in accordance with the National Electrical Safety Code and BPA safety standards.

Analysis: A Vegetation Management Checklist was completed for this project in accordance with the requirements identified in BPA's Transmission System Vegetation Management Program FEIS (DOE/EIS-0285).

The project area consists of private woodlot ownership. Land use includes occasional cattle grazing and crop production.

Section 3 of the checklist identifies any natural resources present in the area of the proposed work. The following summarizes natural resources occurring in the project area along with applicable mitigation measures.

Water Resources: Various water resources (streams, rivers, lakes, wetlands, etc) are located within ½ mile of the ROW and have the potential to be fish bearing therefore the following conservation and avoidance measures will be observed to the maximum extent possible during project activities: Trees and brush in riparian zones will be selectively cut to include only those that are in violation of current BPA ground to conductor clearance electrical safety standards. Trees will be topped where shrubs are not present to provide shade and a silt buffer. No ground disturbing vegetation management methods will be implemented thus minimizing the risk for soil erosion and sedimentation near water bodies. Only BPA-approved herbicides using the specified buffer width from the edge of any water resource will be used for stump treatment. No drinking water, irrigation wells, or water supplies were identified along the rights of way.

T&E Species and Habitats: Pursuant to its obligations under the Endangered Species Act, BPA has made a determination of whether its proposed project will have any effects on any listed species. A species list was reviewed from the United States Fish and Wildlife Service in April 2012, identifying threatened and endangered species and Critical Habitat Units potentially occurring in the project area. In addition, a review of species under the jurisdiction of National Oceanic and Atmospheric Administration Fisheries was conducted. The following species were identified as occurring within ½ mile of the project area: Bull trout, Gray wolf and Grizzly bear. By implementing the conservation and avoidance measures mentioned in the Effects Determination for this project, a determination of "No Effect" was made for all ESA listed species, designated critical habitat and Essential Fish Habitat that occur in the project area.

Cultural Resources: Vegetation management activities are not anticipated to affect cultural resources as there will not be any ground disturbing activities. If archaeological material is discovered during the course of vegetation management activities, all work will be halted and the appropriate tribe, the BPA Environmental District Representative and the BPA archaeologist will be notified.

Monitoring: The right-of-ways identified in the checklist will be inspected after completion of the work to determine if all target vegetation has been removed from these areas. Follow up monitoring for vegetation control will combine work in progress inspections and next-season site reviews to determine the effectiveness of control methods.

Findings: This Supplement Analysis finds that (1) the proposed actions are substantially consistent with the Transmission System Vegetation Management Program FEIS (DOE/EIS-0285) and ROD, and; (2) there are no new circumstances or information relevant to environmental concerns and bearing on the proposed actions or their impacts. This Supplement Analysis also finds the proposed actions will not affect threatened or endangered species. Therefore, no further NEPA documentation is required.

/s/ Stuart Hugill, for:

Michael A. Rosales

Physical Scientist - Environmental

CONCUR: /s/ Stacy Mason

Stacy Mason

NEPA Compliance Officer

DATE: April 13, 2012

Attachment:

Vegetation Management Checklist

Vegetation Detail Sheet

Effects Determination