

United States Government

Department of Energy  
Bonneville Power Administration

# memorandum

DATE: June 24, 2008

REPLY TO  
ATTN OF: KEP-4

SUBJECT: Supplement Analysis for the Transmission System Vegetation Management Program FEIS  
(DOE/EIS-0285/SA-380 -Satsop-Aberdeen No. 1 & 2 **PP&A No: 890**)

TO: Jim Jellison – TFBV Olympia  
Natural Resource Specialist

**Proposed Action:** Vegetation Management (Reclaim and Danger Tree cutting) along the Satsop-Aberdeen No. 1 & 2, transmission line corridor.

**Location:** The project consists of the area outside of the easement boundary of the Satsop-Aberdeen # 1 and # 2 transmission lines between structures 12/1 and 13/1. The project boundary includes identified danger trees that can fall within the minimum approach distance of either of the transmission lines located within the easement corridor. The project area is located in Grays Harbor County, WA. The project is located within the Olympia Maintenance District.

**Proposed by:** Bonneville Power Administration (BPA).

**Description of the Proposal:** BPA proposes to conduct vegetation control activities that include cutting and or chemical treatment of Reclaim and or Danger Trees on or adjacent to the transmission line Right of Way (ROW). Reclaim or “C” trees are trees within the transmission line right of way easement. Danger trees are trees outside the ROW easement that have been determined to pose a threat to the transmission line. The subject danger trees were assessed by BPA professional foresters and were determined to fit one or more of the criteria for identifying trees with a greater potential to fall into the line. Trees being removed are generally along or just outside of the fringes of the ROW boundary. The subject trees can potentially interfere with the safety, operation, maintenance, and reliability of the transmission line located within the transmission line ROW corridors.

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

The subject corridor traverses public and private lands in Grays Harbor County, WA. Land along the corridors consists of private residential, private agricultural, private timber, and Washington State DNR managed lands. No tribal lands are involved.

Section 3 of the checklist identifies the 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:** Water bodies (streams, rivers, lakes, wetlands) occurring in the project area are listed in section 3.1 of the Vegetation Management Checklist. No ground disturbing

vegetation management methods will be implemented thus minimizing the risk for soil erosion and sedimentation near the streams. Cut stump herbicide application is prescribed for the project. The following herbicide conservation measures and buffers will be implemented. Outside a 100' buffer from any stream, ponds, or wetlands Triclopyr BEE (common formulations, Garlon 4 & Tahoe 4E) may be applied. Formulations of Triclopyr TEA (common formulations Garlon 3A & Tahoe 3A) may be applied for spot or localized applications up to the waters edge for non-T&E water bodies and up to one yard of the waters edge for any T&E listed stream, ponds, or wetlands. No broadcast herbicide treatments are prescribed for this project.

No private water wells/springs were identified along the right of way that could be affected by the project.

Threatened and Endangered Species/Essential Fish Habitat: 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 (USFWS) on June 11th, 2008, 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 NOAA Fisheries was conducted. A determination of "No Effect" was made for all ESA listed species and designated critical habitat for the project. A determination of "No Effect" was made for Essential Fish Habitat waters that occur in the project area.

Cultural Resources: No cultural or historic resources are known to occur in the project areas. It has been determined that this project will not effect any cultural or historic resources. If a site is discovered during the course of the project, work will be stopped in the vicinity and the appropriate tribe, the BPA Environmental Specialist, and the BPA archeologist will be contacted.

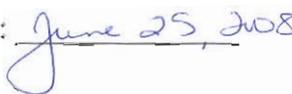
Monitoring: The entire project will be inspected during the work period. Additionally the line will be patrolled annually after treatment to monitor the effectiveness of the treatment and any issues associated with the project.

**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.



Greg P. Tippetts  
Physical Scientist (Environmental)

CONCUR:   
Katherine S. Pierce  
NEPA Compliance Officer

DATE: 

Reference:  
Vegetation Management Checklist  
Endangered Species Effects Determination.

cc:  
K. Pierce – KEC-4  
J. Meyer – KEP-4  
P. Smith – KEP-4  
J. Sharpe – KEPR-4  
G. Tippetts – KEPR/Olympia  
H. Adams – LC-7  
D. Underwood – TFO/Olympia  
T. Grover – TFOF/Olympia  
Official File – KEP (EQ-14)