

CHAPTER 5 SUMMARY OF MITIGATION MEASURES

The following mitigation measures will be implemented by Pacific Power during the planning and implementation of vegetation management activities on the Line 87 powerline within Del Norte Coast Redwoods State Park. DPR will assure these measures are followed during project activities and have the authority to inspect, audit and enforce the mitigation measures.

BIOLOGICAL RESOURCES

BR-1 Pacific Power and their contractors will only remove trees larger than 30 inches diameter breast height (dbh) when:

1. A DPR approved arborist/forester has determined that the tree will fail and result in damage to the electrical facilities before the next regular inspection cycle or is an emergency to the electrical facilities and;
2. Pacific Power has received prior concurrence in writing from the DPR District Superintendent or their designee (except in the case of an emergency) and;
3. If directed by DPR, Pacific Power will consult with the California Department of Fish and Wildlife and the U.S. Fish and Wildlife Service prior to DPR providing concurrence.

BR-2 Pacific Power and their contractors will restrict limbing of trees to those branches to within 20 feet of the power lines. Where possible, limbs 4 inches and greater in diameter will be shortened so that only the portion of the limb overhanging the power line will be removed rather than limbing back to the stem. The removal of pre-existing broken limbs (aka "widow makers") that clearly pose a reasonable chance of striking a power line or jeopardize worker safety can be removed regardless of height in the canopy.

If Pacific Power determines that non-broken limbs within the 20 foot clearance zone described above need to be trimmed or removed due to a reasonable chance of striking a power line or if necessary to provide for worker safety then Pacific Power will:

1. Obtain prior concurrence in writing from the DPR District Superintendent (or designee)
2. If directed by DPR, Pacific Power will consult with the California Department of Fish and Wildlife and the U.S. Fish and Wildlife Service prior to DPR providing concurrence.

BR-3 To protect the State Park's natural resource values, Pacific Power will prevent the spread of nonnative/ weed plants into parklands from the ROW. Weedy species currently known in the alignment or general area include:

1. Cortaderia jubata, common name jubata grass
2. Genista monspessulana, common name French broom
3. Cytisus scoparius, common name Scotch broom
4. Hedera helix, common name English ivy
5. Rubus armeniacus, common name Himalayan blackberry
6. Senecio jacobaea, common name tansy ragwort
7. Cirsium vulgare, common name bull thistle
8. Digitalis purpurea, common name foxglove

9. *Poa annua*, common name annual bluegrass
10. *Dactylis glomerata*, common name orchard grass
11. *Anthoxanthum odoratum*, common name sweet vernal grass
12. *Agrostis capillaris*, common name red top
13. *Geranium lucidum*, common name shining geranium

DPR and Pacific Power will work as partners to conduct post-treatment weed surveys whenever Pacific Power crews are planning work in an area or at least once every two years and if necessary, will map areas of concern that may threaten Park resources. This effort will be done cooperatively between Pacific Power and DPR. DPR and Pacific Power will visit treated sites to monitor for weeds/non-native species particularly to capture any new or invasive releases of existing non-native species as detected by presence of seedlings/increases in cover, etc., and/or the introduction of new weed/non-native species. The introduction of new weed/non-native species is of particular concern. Should new releases or new species be detected from these surveys, DPR will contact Pacific Power to develop and implement a plan to treat and remove these populations as soon as possible. The objective of this activity will be to prevent additional weed proliferation on to DPR lands from the vegetation treatments.

BR-4 Prior to conducting operations within 100 feet of a fish bearing stream, Pacific Power will provide DPR with a list of proposed actions and will:

1. Obtain prior concurrence in writing from the DPR District Superintendent (or designee) and,
2. If directed by DPR, Pacific Power will consult with the California Department of Fish and Wildlife prior to DPR providing concurrence.

CULTURAL RESOURCES

CR-1 The Hobbs, Wall logging railroad (P#-8-0000296H) shall be considered a potentially significant historic resource and shall be avoided during vegetation management activities. Intact trestle pillars are standing within 40 feet of Pacific Power Pole #9/13, along Hamilton Road. The trestle pillars have been flagged with State Park cultural resources flagging. All trestle elements associated with the grade in this location shall be avoided during vegetation management activities under the powerline or near the power poles.

CR-2 Should any previously unknown cultural resources be uncovered, they shall be identified, sites recorded, mapped and artifacts catalogued as required by standard practices.