Amendment No. 4 to Thermal Power Plant  
SITE CERTIFICATION AGREEMENT  
for the Boardman Site  
between  
The State of Oregon  
and  
Portland General Electric Company

1. The Boardman Site Certification Agreement ("Agreement") was executed by Portland General Electric Company ("PGE") and the State of Oregon ("State") on March 24, 1975. The Agreement authorizes PGE to construct a 550 Megawatt coal-fired thermal power plant and certain associated facilities at its Boardman site in Morrow County, Oregon.

2. Amendment No. 1 to the Agreement was executed on August 30, 1977; Amendment No. 2 on February 13, 1978; and Amendment No. 3 on August 1, 1979. PGE and the State wish to further amend the Agreement to correct certain differences between the water quality requirements and the existing water quality condition of the reservoir prior to any effects from the power plant.

3. An evaluation of the changes has been conducted by PGE and the Oregon Department of Energy. The results have been reviewed by the Energy Facility Siting Council, and it agrees that an Amendment to the Agreement should be executed.

In consideration of the foregoing, it is agreed by PGE and the State that:

Section IV.I.3 of the Agreement is amended to read as follows:

3) To protect wildlife and to enhance uses of water other than for condenser cooling, concentrations of chemicals in the reservoir in any form shall be limited as follows:

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Maximum Allowable Reservoir Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chloride</td>
<td>100 mg/l</td>
</tr>
<tr>
<td>Sulfate</td>
<td>200 mg/l</td>
</tr>
<tr>
<td>Sodium</td>
<td>1000 mg/l</td>
</tr>
<tr>
<td>Arsenic</td>
<td>1 mg/l</td>
</tr>
<tr>
<td>Boron</td>
<td>0.5 mg/l</td>
</tr>
<tr>
<td>Copper</td>
<td>0.1 mg/l</td>
</tr>
<tr>
<td>Cadmium</td>
<td>0.01 mg/l</td>
</tr>
<tr>
<td>Calcium</td>
<td>500 mg/l</td>
</tr>
<tr>
<td>Chromium</td>
<td>0.05 mg/l</td>
</tr>
<tr>
<td>Magnesium</td>
<td>250 mg/l</td>
</tr>
</tbody>
</table>

1- Amendment 4
Bicarbonate Alkalinity 500 mg/l
Fluoride 1 mg/l
Nitrate 200 mg/l
Total Dissolved Solids 1000 mg/l
Mercury 0.01 mg/l
Zinc 0.1 mg/l
pH No limit
Sodium Absorption Ratio 6.0 max

IN WITNESS WHEREOF, this Amendment No. 4 to the Boardman Site Certification Agreement has been executed by the Chairman of the Energy Facility Siting Council of the State of Oregon and Portland General Electric Company, as below subscribed this 11th day of July, 1980.

STATE OF OREGON
ENERGY FACILITY SITING COUNCIL
By: [Signature]
Chairman

PORTLAND GENERAL ELECTRIC COMPANY
By: [Signature]
President
Attest: [Signature]
Secretary