THERMAL POWER PLANT
SITE CERTIFICATION AGREEMENT
for the
BOARDMAN SITE
between
The State of Oregon
and
PORTLAND GENERAL ELECTRIC COMPANY

February 27, 1975
INDEX

NOTE: A site certificate holder is required to comply with rules of the Council in effect on the date of certification. For the reader's convenience, rules pertinent to performance by site certificate holders are attached as an Exhibit. The following index shows, parenthetically, rule numbers for subject matter covered in both the certificate and the rules.

<table>
<thead>
<tr>
<th>Category</th>
<th>Rule Numbers</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. SITE CERTIFICATION</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>II. SITE AND THERMAL POWER PLANT DESCRIPTION</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>A. Site Description (26-020)</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>B. Thermal Power Plant and Associated Facilities Descriptions (26-150)</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>III. WARRANTIES</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>A. Completion of Construction (26-080, 26-100, 26-125)</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>B. Financial Ability (26-095)</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>C. Ability to Construct and Operate</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>D. Protection of Public Health and Safety</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>IV. CONDITIONS</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>A. State and Federal Law (26-015)</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>B. Control of Site</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>C. Uses of the Site (26-145)</td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>D. Nuclear Fueled Plants</td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>1. Restrictions Relative to Navy WSTF</td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>2. Seismic Design (26-130)</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>3. Spent Fuel and Radioactive Waste (26-195, 60-001 through 60-007)</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>E. Coal-Fired Plant</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>1. Highest and Best Pract. Treatment and Control (26-060(11))</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>2. Emission Standards - Air Quality</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>3. Ambient Air Quality</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>4. Fuel and Ash (26-180)</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>F. Reservoirs and Hydraulic Structures (26-030, 26-060(1))</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>G. Transmission Lines</td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>H. Barge Unloading Facilities</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>I. Water Quality (26-060(3))</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>J. Historic and Archeologic Sites (26-135)</td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>K. Approvals</td>
<td></td>
<td>17</td>
</tr>
<tr>
<td>L. Banked Plants</td>
<td></td>
<td>20</td>
</tr>
<tr>
<td>V. AMENDMENT OF SITE CERTIFICATION AGREEMENT</td>
<td></td>
<td>22</td>
</tr>
<tr>
<td>VI. SUCCESSORS AND ASSIGNS</td>
<td></td>
<td>23</td>
</tr>
<tr>
<td>FIGURE 1 - BOARDMAN PROJECT</td>
<td></td>
<td>25</td>
</tr>
</tbody>
</table>
THERMAL POWER PLANT
SITE CERTIFICATION AGREEMENT
for the
BOARDMAN SITE
between
THE STATE OF OREGON
and
PORTLAND GENERAL ELECTRIC COMPANY

This Certification Agreement is made and entered into in the manner provided in ORS 453.305 to 453.575 and 453.994, by and between the State of Oregon, acting by and through the Governor of the State of Oregon (State) and Portland General Electric Company (PGE), and Oregon corporation.

I. SITE CERTIFICATION
This agreement certifies that, to the extent authorized by State law and those warranties and conditions set forth herein, the State approves the construction and operation of thermal power plants and associated facilities at the Boardman Site, in the manner described in PGE's site certificate application dated February 28, 1973, as amended, this agreement and the record of the administrative hearings held pursuant to ORS 453.305. This approval by the State binds the State and all counties, cities and political subdivisions in the State as to the approval of the site and the construction and operation of the plants or associated facilities, subject only to conditions of this agreement. Each agency that issues a permit, license, or certificate shall continue to exercise enforcement authority over such permit, license or certificate.
B. Any renewed or revised site certificate issued pursuant to section IV. L. shall require Portland General Electric Company to comply with applicable state laws as they exist on the date the renewed or revised site certificate is executed by the Governor, and with stricter state laws adopted subsequent thereto if compliance with such stricter state laws is necessary to avoid a clear danger to the public health and safety.

C. PGE, by executing this agreement, expressly waives any contest, jurisdictional or otherwise, as to the applicability of future state law pursuant to either Section I. B. above or Section IV. A. 1. below, except contests based upon violations of the Constitutions of the United States or the State of Oregon.
II. SITE AND THERMAL POWER PLANT DESCRIPTION

A. Site Description

1. The site at, on, and in which the thermal power plants and associated facilities are to be constructed consists of:
   (a) the 32 sections of land in Morrow County, Oregon, within the boundary described as "Project Boundary" on Figure 1 attached hereto and by this reference incorporated herein.
   (b) The locations in Morrow County, Oregon, of the following major associated facilities as shown on the attached Figure 1: Carty Reservoir, transmission line rights-of-way, access road, pumping plant, makeup water pipeline, barge unloading facility, dewatering flow easement, and railroad spur. These locations may be adjusted as reasonable or necessary because of physical conditions.

2. The total amount of Class I, II, III, IV, V, and VI agricultural land (according to U.S. Soil Conservation Service Classifications) removed from potential productive capability by construction of the Boardman Thermal power plants and associated facilities shall not exceed 9,000 acres.

B. Thermal Power Plant and Associated Facilities Descriptions

The thermal power plants and associated facilities to be constructed and operated at the Boardman Site consist of any or all of the following:

1. A thermal power plant (Boardman Coal Plant) utilizing a conventional boiler fueled by coal. The unit will have a nominal net electric capacity of 550 megawatts where nominal means plus or minus 50 megawatts.
2. A thermal power plant (Boardman Thermal Plant No. 2) with a nominal net electric capacity between 500 and 1300 megawatts where nominal means plus or minus 50 megawatts. This plant is a "banked plant" and is subject to the review provisions of Section IV.L. of this agreement.

3. A thermal power plant (Boardman Thermal Plant No. 3) with a nominal net electric capacity between 500 and 1300 megawatts where nominal means plus or minus 50 megawatts. This plant is a "banked plant" and is subject to the review provisions of Section IV.L. of this agreement.

4. The associated facilities consist of the cooling reservoir, transmission lines, intake structure, road and rail access, pipelines, barge basin and dewatering flowage as described below:
   (a) The cooling reservoir, Carty Reservoir, having a surface area of approximately 5,000 acres and a maximum pool elevation of 677 feet MSL.

   (b) The transmission lines, consisting of three single-circuit 500-kV transmission lines and one 230-kV transmission line.

   (c) A pumping plant on the Columbia River to supply water for reservoir filling and makeup water requirements.

   (d) An extension of Tower Road for personnel and equipment access to the plant.

   (e) A railroad spur line from the existing UPRR tracks to the site for construction access and fuel transport.
(f) A pipeline from the pumping plant on the Columbia River to the reservoir.

(g) A barge basin for unloading of large equipment transported to the site by barge for construction.

(h) A Dewatering Flowage Easement down Sixmile Canyon from the West Dam of the reservoir to the Columbia River.

III. WARRANTIES

In consideration of the execution of this Certification Agreement by the State, and pursuant to ORS 453.395 (4), the following warranties are made:

A. Completion of Construction

PGE warrants that the construction of the thermal power plants will be completed prior to the following dates:

1. Boardman Coal Plant - August 31, 1985
2. Boardman Thermal Plant No. 2 - August 31, 1991
3. Boardman Thermal Plant No. 3 - August 31, 1993

B. Financial Ability

PGE warrants that it presently has or is reasonably assured of obtaining sufficient financial resources to construct and operate the plants, including the funds necessary to cover construction costs, operating costs for the design lifetimes of the plants, related fuel and waste processing and disposal costs, and the cost of permanently shutting the plants down and maintaining them in a safe condition.

C. Ability to Construct and Operate

PGE warrants that it has the ability to take those actions necessary to ensure that the Boardman thermal power plants are constructed and
operated in a manner consistent with the representations regarding effects on the public health, safety, and welfare contained in its site certificate application, as amended, and the terms and conditions of this agreement including, with respect to any nuclear-fueled power plants, compliance with all design, quality assurance, and personnel qualification and training requirements of the U. S. Nuclear Regulatory Commission.

D. **Protection of Public Health and Safety**

PGE warrants that it will take those actions, including compliance with all applicable Federal Statutes, rules and regulations necessary to ensure that construction and operation of the Boardman thermal power plants pose no danger to the public health and safety.

**IV. CONDITIONS**

The following conditions are provided pursuant to the provisions of ORS 453.395(3):

A. **State and Federal Law**

1. Except as provided in Section I as to "banked plants", in the construction and operation of the thermal power plants and associated facilities, PGE and the State shall abide by applicable state laws, including lawful administrative rules and regulations, and the rules of the Nuclear and Thermal Energy Council (Council) as are in effect on the date of execution of this agreement. PGE may be required to comply with stricter state laws or rules of the Council or other state agencies adopted subsequent to the execution of this agreement upon a clear showing that compliance is necessary because
of danger to the public health and safety. However, such rules may not require PGE to meet safety standards more stringent than those of the U. S. Nuclear Regulatory Commission, or to use any equipment or procedure that would cause PGE to lose any Federal license required for operation of the plant.

2. Nothing in this agreement shall relieve PGE from complying with requirements of Federal laws and regulations which may be applicable to construction and operation of the thermal power plants and associated facilities, and with the terms and conditions of any permits and licenses which may be issued to PGE by pertinent federal agencies.

B. Control of Site

Prior to commencement of construction of any of the thermal power plants authorized herein, PGE shall present evidence satisfactory to the Council that PGE has or will obtain control over the site and access thereto, whether by ownership, lease, easement or otherwise to:

1. Construct and maintain the thermal power plants, Carty Reservoir, the associated transmission lines, barge unloading facility, pumping plant, makeup water pipeline, dewatering flow easement, access road and railroad spur;

2. Regulate activities on the site as may be necessary to meet the conditions of this agreement.

3. Assure the road and rail access to the plant necessary to the construction, operation, monitoring and regulation of the thermal power plants and associated facilities.
C. Uses of the Site

1. The site as described in Section II. A. 1, shall not be used for any purpose other than the production and transmission of electrical power. The Council hereby approves the following additional uses of the site, subject to the conditions contained herein:

(a) Use of access road and transportation facilities by others in a manner which will not conflict with construction or operation of the thermal power plants and associated facilities.

(b) Use of the pumping plant, pipeline, or reservoir for purposes relating to irrigation.

(c) Agricultural use in accordance with the site certificate application.

(d) Residential use by plant operating personnel.

(e) Recreational use outside the 800 meter exclusion boundary for any nuclear plant; however, no long-term use (greater than 24 hours) shall be permitted.

2. PGE shall permit public access to the site subject to limitations necessary for protection of public health, safety, and welfare, and protection of PGE and nearby landholder property. This shall include reasonable access during daylight hours to a point from which the plant can be viewed somewhere within the area designated in Figure 1 as "Project Boundary".

D. Nuclear Fueled Plants

1. Restrictions Relative to U. S. Navy Boardman Weapons System Training Facility

(a) No construction shall commence on any nuclear plant until the Council has been presented with satisfactory evidence of an irrevocable decision by the U. S. Navy to terminate its use of the Boardman Weapons System Training Facility on or before a date certain.
(b) No nuclear plant shall be fueled or operated until the
U. S. Navy has terminated its use of the Boardman Weapons
System Training Facility.

2. Seismic Design
Nuclear power plants and associated facilities shall be designed
such that all structures, systems and components important to the
protection of the public health and safety from radiological hazards
shall remain functional in the event of an earthquake resulting in
a ground acceleration of up to 0.2 g.

3. Spent Fuel and Radioactive Waste
Prior to fueling any nuclear power plant, PGE shall present
evidence satisfactory to the Council of its arrangements for:
(a) Transportation and disposal of low-level radioactive wastes;
and

(b) Transportation and reprocessing of spent fuel, including
disposal of resulting radioactive by-products.

Additional requirements pertaining to inventory and transportation
of radioactive material are contained in Council rule 26-195 and in
Council rules 60-001 through 60-007. The above requirements are in
addition to requirements of the Council rules.
E. Coal-Fired Plant

1. Highest and Best Practicable Treatment and Control

Notwithstanding the specific emission limitations and ambient air quality standards set forth below, PGE shall construct and operate the Boardman Coal Plant to provide the highest and best practicable treatment and control of air contaminant emissions, so as to maintain existing ambient air quality at the highest possible levels, and to maintain contaminant concentrations, visibility reduction, odors, soiling and other deleterious factors at the lowest possible levels.

The plant shall employ the following design features or practices in furtherance of this requirement:

(a) Particulate emissions shall be minimized by use of electrostatic precipitators or a baghouse.

(b) Emission of nitrogen oxides shall be minimized by furnace design features.

(c) PGE shall blend or otherwise treat all coal as necessary so that coal burned has a sulfur content and high heating value as follows:

\[
\frac{\%S \times 20,000 \times X \times K}{\text{HHV}} \leq 1.2 \text{ lb SO}_2 / \text{million B.T.U. heat input, maximum 2 hr. average}
\]

Where:

- HHV = high heating value of fuel, btu/lb as-fired
- \%S = sulfur content, by weight percent, of the fuel as-fired
- \(K = 0.97\) (if operations satisfactorily demonstrate that the value of \(K\) should be reduced, a new
value may be substituted upon review and concurrence by DEQ)

(d) The sulfur content and high heating value of each shipment of coal shall be determined in accordance with NTEC rule 26-060-11 and reported to the site certificate holder upon or prior to delivery of coal to the site. The analyses shall be supplied to DEQ and the Council upon request.

(e) PGE shall periodically monitor sulfur content and high heating value of coal being delivered to the boiler in accordance with NTEC rule 26-060-11. The point of sampling, monitoring frequency and program will be such that coal exceeding the limits of (c) above will be detected and diverted in order that corrective action can be instituted to meet the limits of (c) above.

Plans and specifications for air quality control equipment shall be submitted to the Department of Environmental Quality for review and concurrence, with copies to the Council.

2. Emission Standards - Air Quality

The plant shall be designed, constructed and operated in accordance with Federally-promulgated New Source Performance Standards and Department of Environmental Quality Rules in effect as of the date of this agreement. In addition, the following programs and limitations apply:

(a) Particulate emission from the stack shall not exceed:

   (1) 0.04 lb. per million B.T.U. heat input 0.07 g per million cal.) maximum two-hour average.
(2) A visible emission for a period or period aggregating more than three minutes in any one hour which is as dark or darker in shade as that designated as No. 1 on the Ringelmann Chart or equal to or greater than 20% opacity. Where the presence of uncombined water is the only reason for failure to meet this requirement, such failure shall not be a violation of this limitation.

(b) Sulfur Dioxide emissions shall not exceed:
   1.2 lbs. per million B. T. U. heat input (2.2 g per million cal.) maximum two-hour average.

(c) Nitrogen Oxide emissions shall not exceed:
   0.7 lbs. per million B.T.U. heat input (1.26 g per million cal.) maximum two-hour average, expressed as NO₂.

(d) The design of the plant shall be such that sulfur dioxide emission control equipment may be installed with a minimum of additional cost and plant disruption. The Council may at any time order such control measures if it concludes they are necessary to comply with Federal or State law, rules or regulations, or Section IV(E)(1) of this certification agreement.

(e) The design of the stack shall be submitted to the Department of Environmental Quality for concurrence, with a copy to the Council.
3. **Ambient Air Quality**

   (a) Ambient air quality standards of the Department of Environmental Quality shall not be exceeded due to plant operations.

   (b) Air Quality concentrations of pollutants attributable to plant operation shall not exceed the following:

       (1) **Particulate Matter:**
           Annual geometric mean 6 micrograms per cubic meter.
           24-hour maximum 15 micrograms per cubic meter.

       (2) **Sulfur Dioxide:**
           Annual arithmetic mean 6 micrograms per cubic meter.
           24-hour maximum 26 micrograms per cubic meter.
           3-hour maximum 130 micrograms per cubic meter.

4. **Fuel and Ash**

    PGE shall continue its investigation into the possibility of burning the combustible fraction of solid waste as a supplementary fuel. PGE shall consult with the Department of Environmental Quality on this subject and will present a summary report of findings to the Council within one year of this agreement.

F. **Reservoirs and Hydraulic Structures**

   1. Final designs, specifications, and construction methods for the reservoir and appurtenant hydraulic structures shall be submitted to the State Engineer prior to construction. No changes shall be made in the final plans without the State Engineer's concurrence.
2. Reservoir make-up pumping facilities shall be designed and operated to the extent practicable such that pumping power consumption is limited during daily and seasonal periods of peak power usage.

3. It is recognized that it may be economically desirable to develop the proposed reservoir in stages, providing the needed cooling capacity for plants as they are constructed. Therefore, the Council shall be kept informed of the plans for reservoir development.

4. If provisions are instituted whereby some other person or organization utilizes site reservoir storage capacity for irrigation, PGE shall advise the Council of the details of such provisions, including:
   (a) The financial obligations or arrangements involved in the provision.
   (b) The consequences if for some reason storage capacity becomes unavailable to the other user.
   (c) The arrangements that exist between PGE and the other user regarding pumpage of water to the reservoir at various times of the year and the limits on the amount of water pumped out of the reservoir.

5. Prior to the commencement of operation of any of the thermal power plants, PGE shall submit to the Council its plan for decommissioning Carty Reservoir in a manner which will present no danger of violating the water quality standards of the State of Oregon.
6. Prior to commencement of reservoir filling, PGE shall submit a written report to the Council describing plans and procedures developed for dewatering the reservoir. These plans and procedures shall ensure that persons or property would not be endangered as a consequence of dewatering.

G. Transmission Lines

1. Transmission and service lines shall be located essentially according to routings indicated on Exhibit 1.

2. Transmission line towers shall be erected a safe distance from the highways as a precaution against collapse in high winds.

3. Transmission line routing shall have the following objectives:

   (a) The nearest approach to existing residences shall be greater than 1000 feet.

   (b) Transmission lines shall be routed through non-tillable or less productive land whenever possible.

   (c) Maximum use shall be made of existing load and transmission line right-of-way.


5. It is agreed by the parties that the failure of the BPA to secure appropriate approvals for the proposed Pebble Springs switching station would constitute a "future unforeseen development" necessitating an amendment of this Site Certification Agreement pursuant to Section V hereof.
H. Barge Unloading Facilities

PGE shall submit a description of any barge unloading facility planned to the Council for information. In addition, PGE shall consult with the Morrow County Planning Commission to determine methods by which the unloading facilities could be made available for use by others.

I. Water Quality

1. Except in the event that it becomes necessary to perform maintenance or repair work on Carty Reservoir, there shall be no discharge of water from the thermal power plants or associated facilities to the Columbia River.

2. Carty Reservoir may be used for direct dissipation of waste heat from the thermal power plants by discharge of cooling water directly to the reservoir.

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>1,000 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>Substance</td>
<td>Value</td>
</tr>
<tr>
<td>------------------</td>
<td>--------</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>
<tr>
<td>Bicarbonate</td>
<td>500 mg/l</td>
</tr>
<tr>
<td>Fluoride</td>
<td>1 mg/l</td>
</tr>
<tr>
<td>Nitrate</td>
<td>200 mg/l</td>
</tr>
<tr>
<td>Total Dissolved Solids</td>
<td>1,000 mg/l</td>
</tr>
<tr>
<td>Mercury</td>
<td>0.01 mg/l</td>
</tr>
<tr>
<td>Zinc</td>
<td>0.01 mg/l</td>
</tr>
<tr>
<td>pH</td>
<td>7.0 to 8.5</td>
</tr>
<tr>
<td>Sodium Absorption Ratio</td>
<td>6.0 max.</td>
</tr>
</tbody>
</table>

4. PGE shall comply with the pertinent industry standards for control of surface water runoff during construction and shall take whatever actions are necessary to correct and avoid run-off which detrimentally affects water quality.

J. Historic and Archeologic Sites

1. In development of the site, PGE shall take no action which would adversely affect preservation of Oregon Trail traces.

2. Prior to the start of construction and creation of the proposed reservoir, PGE, through the Museum of Natural History at the University of Oregon, shall conduct extensive archeological investigations of human activity or occupation associated with Fourmile Canyon, Sixmile Canyon, and northwestern outlet to Sixmile Canyon, and two unnamed canyons in the southern part of the basin.
K. Approvals

The following approvals, permits, licenses or certificates by governmental agencies are considered necessary to construction or operation of the thermal power plants, and shall be applied for and obtained by PGE including payment of any associated fees.

1. State Land Board
   Permit to remove material from the Columbia River for the construction of an intake/pumping facility and a barge slip.

2. Department of Geology and Mineral Industries
   Surface mining permit for excavation disturbance and removal of land surface other than onsite construction.

3. State Engineer
   (a) Approval of plans, specifications and construction methods for construction of dams on the northwest and north sides of Carty Reservoir.
   (b) Permit for the construction of Carty Reservoir and storage therein of water from the Columbia River.
   (c) Permit for appropriation of water from Well 3N24-33 and others as required.
   (d) Permit for the appropriation of Columbia River water for power plant construction, landscape plantings, fire protection and domestic use at the plant site and for cooling water for the plants including makeup, evaporation and seepage losses.
4. **State Highway Division**
   
   (a) Permit to install intake water piping, conduit for power and communication cables under State Highway No. 2 (I-80N).
   
   (b) Permits for heavy loads on State highways and roads.
   
   (c) Permits to install overhead power line crossing of State Highway No. 2 (I-80N) and State Highway No. 52 (Route 74.)
   
   (d) Permit for widening and channelization of State Highway No. 2 (I-80N) to provide deceleration lanes at Tower Road Junction, if required.

5. **Public Utility Commissioner**

   Approval for railroad spur to cross State Highway No. 2 (I-80N).

6. **Wildlife Commission**

   (a) Approval that the intake/pumping facility is so designed as to protect sport fish resources.

   (b) Permit to collect wild animals, birds, amphibians, reptiles and game fish upon and in the vicinity of the site for ecological and radiological studies.

7. **Fish Commission**

   (a) Approval that the intake/pumping facility is so designed as to protect commercial fish resource.

   (b) Permit for the use of underwater explosives in the Columbia River during construction of the barge slip and the intake/pumping facility.

8. **Department of Environmental Quality**

   (a) Approval of the waste discharge effects during the construction of the plant.
(b) Approval of the design and construction drawings of the sewage stabilization pond to be used for construction and plant operation.
(c) Solid waste disposal permit for the onsite disposal of ash or other solid waste.
(d) State waste discharge permit covering disposal of both cooling and process waters and domestic sewage for both nuclear and coal plants.
(e) Air contaminant discharge permit for operation of the Boardman coal plant.

9. State Health Division
   (a) Approval of the design of the sanitary water system.
   (b) Approval of nuclear plant emergency response plan.

10. Department of Commerce
    (a) Approval of Pressure Vessel and Piping Code inspection procedures in compliance with the Oregon Boiler and Pressure Vessel Law.
    (b) Approval of applicable construction drawings by the State Fire Marshal.

11. Emergency Services Division
    Approval of nuclear plant emergency response plan.

12. Department of Commerce or Morrow County
    Building permits as required.
13. **Morrow County**

(a) Permit for heavy loads on country roads.

(b) Conditional use permit or zone change, as necessary.

It is agreed by the parties that future identification of additional approvals, permits, licenses or certificates necessary to construction or operation of the thermal power plants would constitute a "future unforeseen development" necessitating an amendment of this agreement pursuant to Section V hereof. In this event, the agency seeking to require such an approval, permit, license or certificate shall substantiate the necessity for it, and the reason it was not identified in the site certification agreement.

L. **Banked Plants**

1. Boardman Thermal Plants No. 2 and 3 are deemed "banked plants" and are subject to the review process set forth in 2 through 6 below in the event PGE wishes to commence construction of either or both plants.

2. PGE shall give the Council eight month's notice prior to commencement of construction of a "banked plant." Such notice shall be accompanied by a statement describing all modifications in the information contained in PGE's site certificate application and conclusions drawn therefrom. Without limiting the generality of the foregoing, the statement shall contain detailed current information on the type and design of plant to be constructed, the associated environmental impact, the need for power, plant economics, PGE's financial ability, and environmental baseline information and standards.

3. The Council shall distribute PGE's notice and statement to affected state and local governmental agencies requesting their comments
and recommendations within 30 days of the date of distribution.

4. The Council shall hold a public hearing on construction of the "banked plant" within 90 days after distribution of the notice and statement.

5. Within 180 days after receipt of the notice and statement from PGE the Council shall make findings as to the nature and extent of changes, if any, from the facts considered by the Council in the record supporting issuance of the original site certificate. If there has been no substantial change in such facts, the Council shall issue a new certificate containing the same terms and conditions as the original certificate except that the warranted date of completion may be appropriately extended. If there has been a substantial change in such facts, the Council shall issue a new certificate with different or additional conditions to the extent justified by changes in factual or technological circumstances or, if such change makes it impossible for the Council to make the findings required by ORS 453.405 to 453.575, it shall revoke the original certificate.
6. After expiration of the appeal period authorized by ORS 183.480 or after an appeal is completed, the Council's decision, if affirmative, shall be sent to the Governor for execution or veto as provided in ORS 453.395 (1) and (6).

V. AMENDMENT OF SITE CERTIFICATION AGREEMENT

A. PGE and the State recognize a need to provide a means of amending this agreement, because of the length of time which will pass between the date of its execution and the date of construction and operation of the facilities. Therefore, the parties agree that in the event future unforeseen developments cause the construction or operation of the thermal power plants or associated facilities to present a danger to the public health, safety, or welfare, this agreement may be amended by further written agreement, executed in the manner provided in ORS 453.395 (1), after compliance with the procedures of B. through F. below.

B. Either PGE or the Council Staff may propose a corrective amendment. The proposal shall set forth the amendment verbatim, together with a statement of the reasons therefor.

C. The Council shall distribute the proposed amendment to the state agencies specified under ORS 453.345 (3), the county advisory group specified in ORS 453.475 (1) and to all parties to this proceeding, requesting comments and recommendations on the proposed amendment within 30 days of the date of distribution.
D. The Council shall hold a public hearing on the proposed amendment within 90 days after distribution of the proposed amendment.

E. At the conclusion of the hearing and in no case more than 120 days after the proposed amendment was distributed, the Council shall, based on its findings as to danger to the public health, safety, and welfare, either recommend or reject the proposed amendment, by a vote as required in ORS 453.365 (1). Rejection or approval of a proposed amendment shall be subject to judicial review pursuant to the provisions or ORS Chapter 183.

F. After expiration of the appeal period authorized by ORS 183.480 or after an appeal is completed, the proposed amendment approved by the Council shall be sent to the Governor for execution or veto as provided in ORS 453.395 (1) and (6).

G. Amendments Not Affecting Public Health, Safety or Welfare
Where PGE and the Council staff agree that it is desirable to amend this site certificate for reasons other than set forth in A. of this section either may file with the Council an application for an amendment to the Site Certificate Agreement which application shall state the necessity and reasons therefor. The Council may grant such application without further proceedings.

VI. SUCCESSORS AND ASSIGNS
This agreement is binding upon PGE and any co-owners, partners or joint venturers of PGE in the construction and operation of the thermal power plants and associated facilities, and upon any successors in interest to or assignees of either PGE or any co-owner, partner or joint venturer.
IN WITNESS WHEREOF, this Site Certificate Agreement has been executed by
the Governor of the State of Oregon and Portland General Electric Company
as below subscribed this 24th day of March, 1975.

State of Oregon

By: [Signature]
Governor

Attest: [Signature]
Secretary of State

Portland General Electric Company

By: [Signature]
President

Attest: [Signature]
Secretary