

AMENDMENT NUMBER 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
WASTE DISCHARGE PERMIT

State of Washington
Energy Facility Site Evaluation Council
Olympia, Washington 98504

In Compliance With the Provisions of
Chapters 80.50 and 90.48 of the Revised Code of Washington
as amended

and

The Clean Water Act, as amended
Public Law 95-217

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
300 George Washington Way
Richland, Washington 99352

NUCLEAR STEAM ELECTRIC GENERATING PLANT NO. 2 (WNP-2)

Amended section:

S1. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

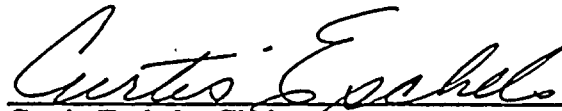
B. RECIRCULATED COOLING WATER BLOWDOWN PORTION OF OUTFALL
DISCHARGE SERIAL NUMBER 001

| <u>PARAMETER</u> | <u>EFFLUENT LIMITATIONS</u> | | <u>MONITORING REQUIREMENTS</u> | |
|----------------------------------|---|---|--------------------------------|------------------------|
| | <u>Daily Maximum</u> | <u>Daily Average</u> | <u>Minimum Frequency</u> | <u>Sample Type</u> |
| Temperature | (Note 1) | | | |
| Total Residual Chlorine(mg/l) | 0.1 mg/l ^(Note 2) | | 2 Times Per Chlorination | Grab |
| pH | Between 6.5 and 9.0 ^(Note 3) | | Continuous ^(Note 4) | N/A |
| Flow | 9.4 x 10 ⁶ | 5.0 x 10 ⁶ ^(Note 5) | Continuous | N/A |

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- Note 1 The temperature of the recirculated cooling water blowdown shall not exceed, at any time, the lowest temperature of the recirculated cooling water prior to the addition of the makeup water, except that the temperature of the blowdown may be less than the temperature of the river.
- Note 2 Upon initiating chlorination, permittee shall terminate all discharges from the recirculating water system to the receiving water until the total residual chlorine concentration has been at or below 0.1 mg/l for 15 minutes.
- Note 3 The total time during which pH values are outside this range shall not exceed 7 hours and 26 minutes in any calendar month, and no individual excursion shall exceed 60 minutes. No excursions greater than 10.0 or lower than 5.5 are allowed.
- Note 4 Permittee shall include an alarm system for the pH control to provide an indication of any variance from established limits.
- Note 5 During a period of major dust storm activity, daily average flow up to 5.6 MGD is allowed.

Dated: April 24, 1989


Curtis Eschels, Chairman
Energy Facility Site
Evaluation Council