

RESOLUTION NO. 200

*Condition V.A. Rescinded
by Resolution #226
8-26-85*

WHEREAS, The Washington Public Power Supply System has petitioned, by letter of December 9, 1981, for modifications to the WNP-3/5 Environmental Monitoring Program; and

WHEREAS, The Supply System has further petitioned, by letter of December 10, 1981, for clarification of the WNP-3/5 in-stream temperature monitoring requirements; and

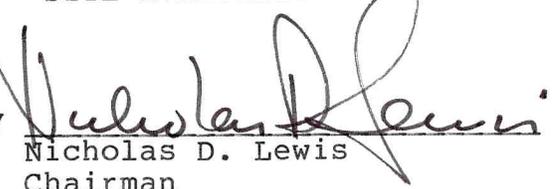
WHEREAS, As a follow-up to Council Resolution No. 188, dated January 26, 1981, that approved modifications in the WNP-3/5 Environmental Monitoring Program, the Supply System has undertaken additional studies to assess the ecological monitoring program (Re: Technical Review dated November 1981); and

WHEREAS, The Council has studied the proposed modifications for future construction phase and Chehalis River temperature monitoring and finds that the recommended changes to the Aquatic Ecology, Water Quality and Terrestrial Ecology Monitoring Programs will adequately protect or further reduce the impact on the environment.

NOW, THEREFORE, BE IT RESOLVED, That the Council hereby approves the modifications in the WNP-3/5 Environmental Monitoring Program set forth in the attached to Attachment IV, Sections IV, V, and VI, of the Site Certification Agreement.

Dated this 11th day of January 1982.

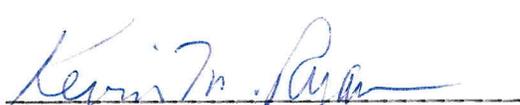
WASHINGTON STATE ENERGY FACILITY
SITE EVALUATION COUNCIL

By 
Nicholas D. Lewis
Chairman

ATTEST:

By 
William L. Fitch
Executive Secretary

APPROVED AS TO FORM:

By 
Kevin M. Ryan
Assistant Attorney General

ATTACHMENT IV, SECTIONS IV, V, AND VI
SITE CERTIFICATION AGREEMENT BETWEEN
THE STATE OF WASHINGTON AND WASHINGTON
PUBLIC POWER SUPPLY SYSTEM

IV. AQUATIC ECOLOGY MONITORING PROGRAM

The aquatic monitoring program will be an integrated program for all phases of WNP-3 and WNP-5 site development and use. The intensity of effort on the monitoring program will vary with increasing activity immediately before and after the initial operation of each project. Continuous evaluation of monitoring data will be accomplished to produce a more efficient environmental surveillance program. Portions of the program may be adjusted depending upon an evaluation of program results.

A. Construction Aquatic Ecology Monitoring Program

Construction monitoring of periphyton, benthic macroinvertebrates, river fish and stream fish was performed for WNP-3/5 from 1976-1981. Based upon a review of that data, most construction monitoring is considered complete. Additional efforts in this area will be limited to stream electrofishing and spawner surveys to assess the success of stocking efforts. Electrofishing will continue through August 1982 at six locations. Population estimates and length determinations will be made only for salmonids. Spawner surveys will include counts of adults and visible redds in known spawning areas. Surveys will be performed every two weeks during November - December on Workman, Fuller and Elizabeth Creeks for salmon. Surveys will be performed on Workman and Fuller Creeks once at the end of January and March for trout. The spawner surveys will begin in November 1982 and continue through December 1985.

B. Preoperational Aquatic Ecology Monitoring Program

The preoperational aquatic monitoring program will be developed and submitted for Council approval at least 30 months prior to WNP-3 fuel load. Efforts will be considered for each of the areas addressed in the construction monitoring program.

C. Operational Aquatic Ecology Monitoring Program

The operational aquatic monitoring program will be a continuation of the preoperational monitoring program. The scope of the preoperational aquatic monitoring program will be determined as the results of the construction and preoperational programs are developed. This program will be developed by the Supply System and approved by the Council prior to operation of either project.

V. WATER QUALITY MONITORING PROGRAM

The purpose of this program is to monitor water quality parameters. Data obtained by this program will also supply necessary information to the study of the aquatic life in the river.

A. Construction Water Quality Monitoring Program

Water quality was monitored for WNP-3/5 from 1977-1981. Water quality changes are still occurring in Hyatt Creek. Therefore, weekly monitoring will be continued for temperature, dissolved oxygen, pH, turbidity (NTU) and, when NTU is greater than 75.0, suspended solids will also be monitored.

*Rescinded
by Res. # 206
8/26/85*

B. Preoperational Water Quality Monitoring Program

The preoperational water quality monitoring program will be developed by the Supply System and submitted for Council approval at least 30 months prior to WNP-3 fuel load.

C. Operational Water Quality Monitoring Program

The operational water quality monitoring program will be a continuation of the preoperational monitoring program. The scope of the operational aquatic monitoring program will be determined as the results of the construction and preoperational programs are developed. This program will be developed by the Supply System and approved by the Council prior to operation of either project.

Monitoring will be consistent with that required by the NPDES permit.

D. Thermal Effluent Monitoring

Chehalis River temperatures will be monitored in conformance with the requirements of the discharge permit.

VI. TERRESTRIAL ECOLOGY PROGRAM

The terrestrial ecology monitoring program for WNP-3 and WNP-5 is part of an integrated monitoring program for construction, preoperational and operational phases.

A. Construction Terrestrial Ecology Monitoring Program

The terrestrial ecology of the WNP-3/5 site was monitored from 1977-1981. Specific programs were biogeochemistry, litterfall and litter decomposition, banana slugs, deer, small mammals and birds. Based upon a review of that data, programs shall be continued as described in Section 3.0 of a document entitled "Technical Review of the Ecological Monitoring Program of WNP-3/5, November 1981", published by Washington Public Power Supply System. Future work will be developed by the Supply System in conjunction with the revegetation committee and approved by the Council.

B. Preoperational Terrestrial Ecology Monitoring Program

The preoperational terrestrial ecology monitoring program will be developed by the Supply System and submitted for Council approval at least 30 months prior to WNP-3 fuel load.

C. Operational Terrestrial Ecology Monitoring Program

The operational terrestrial ecology monitoring program will be a continuation of the preoperational monitoring program. The scope of the operational program will be based upon the results of the construction and preoperational programs. The operational program will be developed by the Supply System and approved by the Council prior to the operation of either project.