

RESOLUTION No. 175

WHEREAS, Paragraph I of Attachment I of the WNP-2 Site Certification Agreement and, similarly, paragraph I of Attachment II of the WNP-1/4 Site Certification Agreement state, "The...environmental monitoring program(s) will be flexible and may be modified with concurrence of Council as detailed information is acquired from the program(s).", and

WHEREAS, V.C.4. of the WNP-1/4 Site Certification Agreement (SCA) states, "...The Project Monitoring Program will be coordinated with the Monitoring Program of WPPSS Nuclear Project No. 2 inasmuch as the programs are the same in purpose, design, and monitoring area.", and

WHEREAS, V.C.4. of the WNP-1/4 SCA states, "The Environmental Monitoring Program is actually a part of a single comprehensive integrated program for monitoring preoperational, construction and operational phases of all three nuclear power stations (WNP-2 and WNP-1/4) presently planned for the site," and

WHEREAS, The revised terrestrial monitoring component of the Environmental Monitoring Program has been reviewed and found to be reasonable, necessary, and satisfactory for the purpose of environmental monitoring,

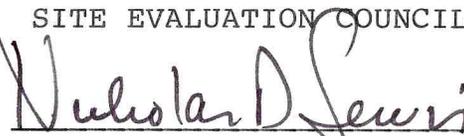
NOW, THEREFORE, LET IT BE RESOLVED That the attached revision No. 1 is herewith approved as the adopted terrestrial monitoring component of the Environmental Monitoring Program for the combined WPPSS Nuclear Projects Nos. 1, 2, and 4 sites; provided that the animal studies data shall be analyzed and presented to the Council one year hence and that the animal studies will be then reinstated if the Council so directs.

DATED This 28th day of April 1980.

Attachment

WASHINGTON STATE ENERGY FACILITY
SITE EVALUATION COUNCIL

By


Nicholas D. Lewis
Chairman

ATTEST:

By


William L. Fitch
Executive Secretary

VI. TERRESTRIAL LIFE PROGRAM

The terrestrial ecology monitoring program for WNP-1 and WNP-4 is part of an integrated monitoring program for the preoperational, construction and operational phases of all three nuclear power plants presently planned for the Hanford area. The terrestrial monitoring program includes a preliminary preoperational survey now being conducted and a monitoring program, outlined below, which is descriptive of both the preoperational and operational phases.

The purpose of these studies will be to identify the impact of cooling tower operation upon plant communities through pre- and post-operational field studies. Parameters to be measured are changes in species composition, changes in primary productivity and changes in mineral content of plant tissues and soil.

A. Identification of Major Plant Communities

Study plots will be established in each major plant community, expected to be affected by cooling tower salt drift, to provide a record of the plant species that comprise each community. A measure of the relative abundance of each species will be made using conventional field ecology methods of determining density and/or canopy cover for each species encountered in the study plots at appropriate seasons of the year.

B. Soil Analysis

During the preoperational period, chemical and physical properties of a representative soil profile will be analyzed to provide a baseline for comparison with operational analyses.

During the preoperational survey vegetational analyses will be conducted with the aim of making objective assessments of the environmental impacts of nuclear power station operation. The major impact upon vegetation may be the accumulation of salts in the soil and on vegetative surfaces derived from cooling tower drift.

Soil and vegetation analyses will be performed annually.

C. Ground Cover Analysis

The amount of ground cover provided by herbaceous species will be estimated each year at peak yield.