

CONSUMERS POWER COMPANY
Big Rock Point Nuclear Plant
Supplement to Final Hazards Summary Report
Docket No 50-155, License No DPR-6

Description of Quality Assurance Program
for Big Rock Point Nuclear Plant

In accordance with the March 25, 1971 request from Dr. Peter A. Morris, the administrative controls presently in effect within the Operating Department of Consumers Power Company are discussed below as they apply to Quality Assurance activities at the Big Rock Point Nuclear Plant.

General

With the advent of a second operating nuclear plant, and the development of a definitive administrative controls section of the technical specifications for this new plant, the decision was made to operate both plants under the same administrative procedures to the extent practical. Thus, the requirements for Organization, Review and Audit as set forth in Section 6 of the Palisades Plant Technical Specifications are being applied to the Big Rock Point Plant, and the same off-site personnel are being used for the Safety Audit and Review Boards and other off-site reviews of nuclear plant operations.

Also, as industry standards are developed which provide guidance in implementing and interpreting the general Quality Assurance criteria contained in Appendix B to 10 CFR 50 (such as the ANS 3.2, Standards for Administrative Controls for Nuclear Power Plants), such standards will be reviewed and adopted for use at Big Rock Point to the extent appropriate.

A discussion of the Quality Assurance activities as they specifically apply to the 18 criteria of Appendix B follows:

I-Organization, II-Quality Assurance Program, XVI-Corrective
Action and XVIII-Audits

Section 7 of the Big Rock Point Technical Specifications discusses the procedures for review of operation of the plant, independent audit of plant activities, procedures for normal and emergency operations, refueling, special testing and maintenance work, and administrative controls.

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Records of plant operation, maintenance, repair, refueling and modifications are maintained in the plant files in accordance with Company policy, the Technical Specifications and other applicable regulations.

The Quality Assurance records for significant modifications are coordinated by the cognizant project engineer to assure a complete and accurate set of records is established at the plant.

IV-Procurement Document Control, VII-Control of Purchased Materials, Equipment, and Services, VIII-Identification and Control of Materials, Parts, and Components, X-Inspection, XIII-Handling, Storage and Shipping, XV-Nonconforming Materials, Parts, or Components

Requisitions for materials, equipment and services used in the operation and maintenance of the plant are prepared by the responsible plant supervisor and forwarded to the General Office for approval by the Electric Production Superintendent - Nuclear or a member of his staff. Special requirements regarding Quality Assurance are included on the requisition. The adequacy of such requirements is reviewed both at the plant and by the General Office Nuclear Operations staff prior to forwarding to the Company's Purchasing Department.

Upon receipt of the material, it is checked by the stockkeeper for conformance with the purchase order and appropriately stored. Prior to use or installation, critical components are again checked by the appropriate supervisor to assure conformance with requirements.

Materials that do not conform to requirements are either disposed of or returned to the manufacturer. Documentation is retained in the plant files.

IX-Control of Special Processes, XIV-Inspection, Test and Operating Status

All maintenance, repairs or modifications are reviewed by the responsible plant supervisor to assure that any special processes are properly performed by qualified personnel in accordance with applicable codes, standards, specifications and criteria. Significant repairs or modifications are also reviewed by the plant superintendent and the General Office Nuclear Operations staff and by the cognizant project engineer (if one has been assigned).

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All significant work on safety-related equipment is reviewed by the Plant Review Committee and, as appropriate, by the Safety Audit and Review Board.

The Plant Procedures detail the measures for clearing equipment for maintenance or modification and the necessary testing of the systems or components to assure their operability prior to return to service.

XI-Test Control, XII-Control of Measuring and Test Equipment

Section 6 of the Technical Specifications summarizes the routine testing of safety-related equipment during normal plant operation. In addition, any item of safety-related equipment is tested after maintenance or modification prior to being returned to service. Procedures are maintained for routine testing. For significant testing of equipment, other than routine, a special procedure is prepared.

The results of the plant testing are reviewed by the Plant Review Committee and, as appropriate, by the Safety Audit and Review Board.

In the past, measuring and test equipment has been periodically checked against Plant Standards. Testing and calibration procedures for test equipment will be formalized to insure this testing program is properly conducted.

CONSUMERS POWER COMPANY

By W. Jack Mosley
Vice President

Date: June 25, 1971

Sworn and subscribed to before me this 25th day of June 1971.

Ernest Warner
Notary Public, Jackson County, Michigan
My commission expires January 15, 1972