


REGULATORY DOCKET FILE COPY



Consumers
Power
Company

General Offices: 212 West Michigan Avenue, Jackson, Michigan 49201 • Area Code 517 788-0550

November 5, 1974



Directorate of Licensing
US Atomic Energy Commission
Washington, DC 20545

Re: Docket 50-155
License DPR-6
Big Rock Point

Gentlemen:

The Determination issued for the Big Rock Point Plant by the Director of Regulation, USAEC, on August 5, 1974 required that reports be submitted at least every three months describing Consumers Power Company's efforts with respect to achieving compliance with the Interim Acceptance Criteria (IAC). This letter is to provide the required report.

Consumers Power Company previously made modifications to provide a capability for continuous feed-water addition and proposed Technical Specifications changes to provide operability requirements for the continuous feed-water capability and limit linear heat generation rates in an effort to achieve, to the maximum extent possible at that time, compliance with the IAC. These modifications and proposed Technical Specifications changes were acknowledged by the AEC in the August 5, 1974 Determination and the proposed Technical Specifications changes have been subsequently approved. In addition, efforts were under way on August 5, 1974 and still are under way to speed the manufacture and delivery of components that have an effect on the date the installation of the Reactor Depressurization System (RDS) can be completed. This installation will bring the Big Rock Point Plant in full conformance with the IAC.

The item that has the greatest effect on completing the installation is the automatic actuation system. A parallel path approach for prototype testing and procurement of components was devised in July 1974 to reduce the scheduled delivery time. In addition, development of a manual actuation system was undertaken at that time as a precautionary measure in the event the parallel path effort is not successful or other unforeseen delays occur. The status of these efforts is discussed below.

1. Automatic Actuation System

The work at Bailey Meter Company (actuation system vendor) is continuing on a parallel path effort. Component procurement is proceeding simultaneously with the pilot model development of several of the key system modules. Engineering design of the system is also being carried out on the basis of the prototype module development results. This parallel

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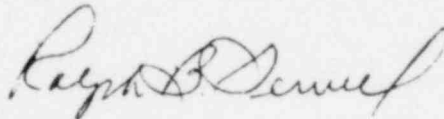
path effort represents some degree of risk should the pilot development program cause any significant changes in the module schematic configuration or parts list. No problem areas have been identified as of this reporting date and an early equipment delivery of September 1, 1975 presently appears achievable.

2. Interim Manual Actuation System

The conceptual design of a manual actuation system has been completed. This design is based on the use of all RDS components other than the actuation system input and output cabinets. The design utilizes the separation and independence features that are presently designed into the total RDS. These features are considered important to the interim system for the same reasons that they are incorporated in the automatic system; namely, to provide initiation when required and to minimize the probability of inadvertent operation. Additionally, use of present components will allow a smooth and controlled transition from manual to automatic actuation with a minimum of plant downtime.

This manual actuation system will only be installed if the delivery date for the automatic actuation system slips significantly beyond September 1, 1975. Procurement of components peculiar to the manual actuation system are being scheduled compatible with the foregoing described purpose.

Yours very truly,



Ralph B. Sewell
Nuclear Licensing Administrator

RBS/map

CC: JGKepler, USAEC