

Regulatory

File 674



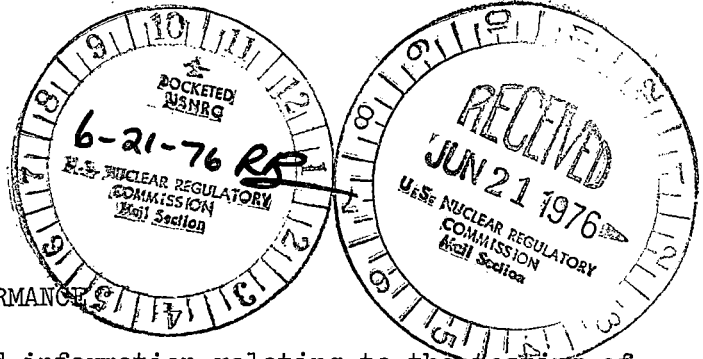
Consumers  
Power  
Company

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

June 18, 1976

Director of Nuclear Reactor Regulation  
Att: Mr Albert Schwencer, Chief  
Operating Reactor Branch No 1  
US Nuclear Regulatory Commission  
Washington, DC 20555

DOCKET 50-255, LICENSE DPR-20 -  
PALISADES PLANT, IODINE ADSORBER PERFORMANCE



Your letter dated May 4, 1976 requested information relating to the testing of iodine adsorbers (activated charcoal). The following is our response to the information requested:

1. Two samples of charcoal were obtained on May 26, 1976 by removing canisters from the system.
2. The charcoal had been installed in the system for 153 days and the system was in operation for 117 days.
3. The laboratory that performed the radioactive test was Nuclear Containment Systems, Inc, Columbus, Ohio. We understand that they used the services of Environmental Engineering and Testing, Richland, Washington.
4. The testing agent was methyl iodide.
5. The test was performed using RDT M16-1T procedures and the following conditions:

Temperature - 25°C  
Pressure - Ambient  
Relative Humidity - 70%  
Linear Flow Rate - 11-13 Meters/Minute

6. Two canisters were tested. The removal efficiency obtained was as follows:

Sample 645 - 98.46%  
Sample 646 - 99.09%

7. There were no operating conditions which we considered unusual.

*David A. Bixel*

David A. Bixel  
Assistant Nuclear Licensing Administrator

CC: JGKeppler, USNRC

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