



**Consumers  
Power  
Company**

REGULATORY DOCKET FILE COPY

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

April 7, 1978

Director, Nuclear Reactor Regulation  
Att: Mr Dennis L Ziemann, Chief  
Operating Reactors Branch No 2  
US Nuclear Regulatory Commission  
Washington, DC 20555

APR 11 11 12 57  
 SERVICES

DOCKETS 50-155 AND 50-255 -  
LICENSES DPR-6 AND DPR-20 -  
BIG ROCK POINT AND PALISADES PLANTS -  
FIRE PROTECTION MODIFICATION UPDATES

By letters dated June 10, 1977, Consumers Power Company submitted tentative schedules for the completion of plant modifications deemed necessary by the Palisades and Big Rock Point Fire Hazards Analysis. In the forwarding letters for these schedules, a commitment was made to provide an updated project status. The purpose of this letter is to provide that status.

Attached are the revised Big Rock Point and Palisades Plants fire protection modification status schedules. These schedules reflect the estimated time frames necessary to complete each plant modification committed to in the applicable Fire Safety Analysis. As in the past, the schedules are tentative. They are based on several variables highly susceptible to change including outage times, staff site visits, staff Fire Hazards Analysis review, and procurement lead times. Further, because of the inordinate costs of the project, the schedule has been adjusted to allow for NRC staff review of the major modifications after preliminary design has been completed and prior to beginning final design. This will ensure staff approval and acceptance of the modifications and will allow for a more efficient allocation of costs in final design and construction.

It should be noted that modifications 6 and 7 for Palisades and modification 9 for Big Rock Point do not have any predicted completion dates. To meet the intent of these modifications, Consumers Power Company is considering developing a separate shutdown path, independent of the cable spreading rooms, for both plants. Thus, until preliminary design is completed, the magnitude of the modifications is known, and the plant modifications have been reviewed and accepted by the staff, no realistic completion schedule can be promulgated.

*William S Skibitsky*  
William S Skibitsky  
Senior Licensing Engineer

CC: JGKepler, USNRC

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PALISADES PLANT MODIFICATIONS

<u>Modification</u>	<u>Applicable Fire Areas</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
1 Sprinkler	3,13,23,28	Complete	April 78	July 78	March 79	Jan 80	Jan 80
2 Detectors	1,2,3,4,12,14,15	Complete	April 78	July 78	April 79	Feb 80	Feb 80
3 Seal Cable Penetrations	2,3,4,13	Complete	April 78	July 78	Sept 78	March 79	April 79
4 Seal Cable to Conduit Penetrations	8	Complete	April 78	July 78	Sept 78	March 79	April 79
5 Fire Barriers	2,10	Complete	April 78	July 78	Sept 78	March 79	April 79
6 Evaluate & Reroute as Necessary Control Cables for 1-C & 1-D	2	Complete	Oct 78	July 78	Unknown	Unknown	Unknown
7 Evaluate & Reroute as Necessary Load Circuits 1-C & 1-D	3,4,14	Complete	Oct 78	July 78	Unknown	Unknown	Unknown
8 Install Fire Door & Sill	5	Complete	Complete	July 78	Complete	Sept 78	Oct 78
9 Build Fire Enclosure	6	Complete	Complete	July 78	March 79	Oct 79	Oct 79
10 Install Fire or Back Draft Damper	1,2,3,4	Complete	April 78	July 78	Sept 78	July 79	July 79
11 Cable Fire Stop	14	Complete	April 78	July 78	Sept 78	March 79	April 79

Key to Column Numbers:  
 1-Contract Awarded  
 2-Preliminary Design Complete  
 3-NRC Site Visit & Review  
 4-Detail Design Complete  
 5-Installation Complete  
 6-System Operational

Revised: 3/30/78

BIG ROCK PLANT MODIFICATIONS

	<u>Modification</u>	<u>Applicable Fire Areas</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
1	Seal & Fireproof Penetration	5,6,13,21-24,25,29,37,41,42	Complete	May 78	Oct 78	Oct 78	Nov 79	Dec 79
2	Seal Conduit Penetration	12,21-24,26,41	Complete	May 78	Oct 78	Oct 78	Nov 79	Dec 79
3	Fire Stops on Open Penet/ Tray	16,17,37	Complete	May 78	Oct 78	Oct 78	Nov 79	Dec 79
4	Seal Cable Tray Penetration	32,35,38	Complete	May 78	Oct 78	Oct 78	Nov 79	Dec 79
5	Seal @ Top Wall Partition	26	Complete	May 78	Oct 78	Oct 78	Nov 79	Dec 79
6	Fire Doors	17	Complete	Complete	Oct 78	Complete	June 78	June 78
7	Detectors	5,6,12,13,29,37,38,41,42	Complete	May 78	Oct 78	April 79	April 80	April 80
8	Water Spray System	41	Complete	May 78	Oct 78	March 79	Feb 80**	April 80**
9	Alternates to Provide Separation of Circuits	7,15,29,33,34,35,37,41	Complete	Oct 78	Oct 78	Unknown	Unknown	Unknown
10	Waterproof Cable Splices & Conn	7,33	Complete	Sept 78	Oct 78	Sept 78	Dec 78	Dec 78
11	Splashproof Panels & Cab	15	Complete	Complete	Oct 78	May 78	July 78*	July 78*
12	Hose Reel	37,33A	Complete	Complete	Oct 78	March 79	Jan 80**	March 80**

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- 5-Installation Complete
- 6-System Operational

\*Some work to be completed during 1978 refueling outage scheduled to commence in November 1978.

\*\*This work must be done during scheduled plant outage.

Revised: 3/30/78

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50-155/255

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DOC DATE: 04/07/78  
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DOCTYPE: LETTER NOTARIZED: NO  
SUBJECT:

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PROVIDING UPDATED PROJECT STATUS RE TENTATIVE SCHEDULES FOR COMPLETION OF  
PLANT MODIFICATIONS DEEMED NECESSARY BY SUBJECT FACILITY'S FIRE HAZARDS  
ANALYSIS... W/ATT SUPPORTING INFO.

PLANT NAME: BIG ROCK PT  
PALISADES

REVIEWER INITIAL: XJM  
DISTRIBUTER INITIAL: ul

\*\*\*\*\* \*\* DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS \*\*\*\*\*

FIRE PROTECTION INFORMATION (AFTER ISSUANCE OF OL).  
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