



**Consumers  
Power  
Company**

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March 14, 1983

James G Keppler, Administrator  
Region III  
US Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, IL 60137

DOCKET 50-255 - LICENSE DPR-20 -  
PALISADES PLANT - AMENDMENT NO. 1 TO LER 83-09

Consumers Power Company's submittal dated February 25, 1983 and entitled Licensee Event Report 83-09 PCS Iodine Out of Specification due to an oversight, did not contain the required detailed report as per Palisades Technical Specifications 3.1.4. This required detailed report is attached and should be considered Amendment No. 1 to LER 83-09.

Brian D Johnson  
Staff Licensing Engineer

CC Director, Office of Nuclear Reactor Regulation  
Director, Office of Inspection and Enforcement  
NRC Resident Inspector - Palisades

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CONSUMERS POWER COMPANY

Palisades Plant

Docket 50-255

AMENDMENT No. 1 TO LER 83-09

Dated March 14, 1983

3 Pages

Amendment No. 1 to LER 83-09  
Consumers Power Company  
Palisades Plant  
Docket 50-255

At 0445 on January 26, 1983, the plant tripped off line. Prior to the plant trip, the iodine dose equivalent analysis result for January 25, 1983 was 0.10  $\mu\text{ci/gm}$ . After the trip, hourly sampling of the primary coolant system was instituted for iodine dose equivalent. The Chemical and Volume Control System (CVCS) letdown flow rate was initially maintained at 40 gpm after the trip.

The first hourly PCS iodine dose equivalent analysis result was 0.26  $\mu\text{ci/gm}$  at 0605 on January 26. By 1500 on January 26, the PCS iodine dose equivalent analysis showed an increase to 0.35  $\mu\text{ci/gm}$ . At 1540, January 26, the CVCS letdown flow rate was increased to 80 gpm.

The reactor was taken critical at 2341 on January 26, 1983. CVCS letdown flow rate was maintained at 80 gpm until 0900, January 27, at which time the letdown flow rate was decreased to 40 gpm. By 1200 on January 27, reactor power was 15%. The PCS iodine dose equivalent analysis result for 1235 on January 27 was 1.06  $\mu\text{ci/gm}$ , which is above the Technical Specification limit of 1.0  $\mu\text{ci/gm}$ . CVCS letdown flow was then increased to 80 gpm at 1245, and remained at 80 gpm until 2200 on January 27. By 1340 on January 27, the PCS iodine dose equivalent analysis result was 0.94  $\mu\text{ci/gm}$ .

1. Sample Results

<u>Date/Time</u>	<u>Activity</u>
1/25 0840	0.10
1/26 0605	0.26
1/26 1500	0.35
1/27 0200	0.46
1/27 0630	0.49
1/27 1140	0.56
1/27 1235	1.06
1/27 1340	0.94
1/27 1430	0.90
1/27 1530	0.80
1/27 1633	0.72

2. Power History

<u>From</u>	<u>To</u>	<u>Power Level</u>
1/25 1235	1/26 0445	100% Power
1/26 0445	1/26 2341	Hot Shutdown
1/26 2341	1/27 1000	Reactor critical
1/27 1000	1/27 1200	Reactor power escalated to 5%
1/27 1200	1/27 1235	Reactor power escalated to 15%

3. Fuel Burnup by Core Region

See attached report

4. Cleanup Flow History

<u>From</u>	<u>To</u>	<u>Flow (gpm)</u>
-	1/26 1540	40
1/26 1540	1/27 0900	80
1/27 0900	1/27 1245	40
1/27 1245	1/27 2200	80
1/27 2200	-	40

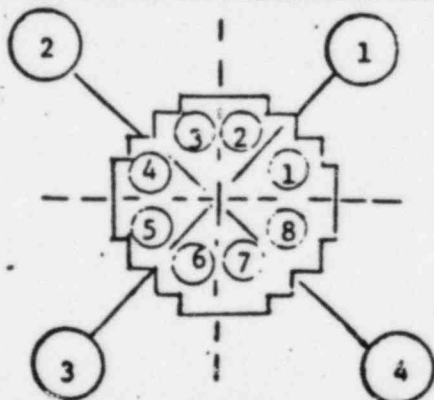
5. Degassing Operation History

No degassing was performed during the 48 hours prior to the event.

6. Duration

The specific activity of the primary coolant exceeded 1.0 uci/gm dose equivalent I-131 for approximately 1 hour.

OCTANT NUMBER								OCTANT BURNUP (MWD/T)	OCTANT ASS'Y. NO.	ON SYM. LIN
1	2	3	4	5	6	7	8			
H-27		H-24		H-46		H-47		21435.1	1	Yes
H-36	H-23	H-19	H-29	H-37	H-50	H-51	H-45	211026.1	2	
H-15	H-12	H-11	H-14	H-48	H-53	H-54	H-49	19126.5	3	
G-33	G-11	G-09	G-32	G-34	G-65	G-67	G-35	28036.7	4	
H-18	H-09	H-08	H-17	H-40	H-56	H-57	H-41	18612.3	5	
H-25	H-05	H-02	H-22	H-33	H-60	H-67	H-35	17722.1	6	
G-23	G-20	G-17	G-22	G-43	G-48	G-50	G-44	27396.4	7	
I-28	I-27	I-26	I-25	I-24	I-23	I-22	I-21	6000.6	8	
G-36		G-30		G-55		G-56		51212.5	9	Yes
G-24	G-16	G-13	G-21	G-42	G-57	G-63	G-45	25409.5	10	
I-20	I-19	I-18	I-17	I-16	I-15	I-14	I-13	7595.5	11	
G-27	G-15	G-14	G-25	G-40	G-58	G-60	G-41	27561.4	12	
G-49	G-26	G-19	G-47	G-51	G-61	G-62	G-52	20177.4	13	
H-16	H-10	H-07	H-13	H-44	H-55	H-58	H-52	15791.4	14	
I-36	I-35	I-34	I-33	I-32	I-31	I-30	I-29	6221.4	15	
GDH-62		GDH-61		GDH-63		GDH-64		12911.4	16	Yes
G-31	G-12	G-04	G-28	G-37	G-64	G-68	G-39	25692.9	17	
H-21	H-06	H-01	H-20	H-38	H-59	H-68	H-39	15873.5	18	
G-05	G-02	G-01	G-03	G-06	G-08	G-10	G-07	5185.2	19	
GDI-12	GDI-11	GDI-10	GDI-09	GDI-08	GDI-07	GDI-06	GDI-05	7462.1	20	
I-44	I-43	I-42	I-41	I-40	I-39	I-38	I-37	4919.7	21	
H-34		H-30		H-42		H-43		20117.5	22	Yes
G-46	G-29	G-54	G-38	G-59	G-53	G-66	G-18	29617.8	23	
H-28	H-04	H-03	H-26	H-31	H-65	H-66	H-32	17822.4	24	
I-68	I-67	I-66	I-65	I-64	I-63	I-62	I-61	6711.2	25	
GDI-04		GDI-03		GDI-02		GDI-01		7621.4	26	Yes
I-52	I-51	I-50	I-49	I-48	I-47	I-46	I-45	7065.0	27	
I-60	I-59	I-58	I-57	I-56	I-55	I-54	I-53	4395.3	28	



OCTANT 1							
				26	27	28	
				22	23	24	25
				16	17	18	19 20 21
				9	10	11	12 13 14 15
1	2	3	4	5	6	7	8