

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)	Docket No. 50-409
DAIRYLAND POWER COOPERATIVE)	Provisional Operating
(La Crosse Boiling Water Reactor))	License No. DPR-45

MOTION TO SUSPEND
PROVISIONAL OPERATING LICENSE
DPR-45

Pursuant to 10 CFR 2.206 we, the undersigned, do hereby request the Director of Reactor Regulation or Office of Inspection and Enforcement, as appropriate, to suspend Provisional Operating License DPR-45 for the operation of Dairyland Power Cooperative's Boiling Water Reactor (LACBWR), Docket No. 50-409. We submit this motion in the belief that the continued operation of said plant is inimical to the health and safety of the public.

This motion for suspension of Provisional Operating License DPR-45 is based on the following grounds:

1. Whereas, by Dairyland Power Cooperative's own admission (Reference 1), LACBWR's continued operation is dependent upon unlimited, continuous venting of the containment, and

Whereas, the NRC currently questions the safety of said practice (Reference 2) and directed DPC to either cease entirely or limit said practice to a minimum of 90 hours per year until such

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time as further evaluation of said practice could be completed,
and

Whereas, DPC was in noncompliance with said directive from December of 1978 to March 24, 1979, when licensee ceased operations for refueling, repair and maintenance,

We, therefore, request that the NRC enforce said directive and order DPC to cease further operation of LACBWR until such time as DPC can comply with said directive.

2. Whereas, the recent WES analysis of LACBWR relative to the NRC's SEP, entitled Liquifaction Analysis for La Cross (sic) Nuclear Power Station (Reference 3), casts doubt upon the ability of LACBWR to meet the requirements of 10 CFR 100.10(4)(c)(1), and

Whereas, DPC has requested a reanalysis and completion of said reanalysis is not expected for several months, and

Whereas, the negative implications of the completed WES analysis cannot be overstated relative to the conservative operation of LACBWR,

We, therefore, request that the NRC order DPC to cease further operation of LACBWR until such time as said reanalysis is completed.

3. Whereas, LACBWR remains in violation of 10 CFR 50.54(j), which requires that "primary reactor containments for water cooled reactors shall be subject to the requirements set forth in Appendix J", and

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Whereas, LACBWR has by DPC's own admission failed to meet Appendix J requirements, as illustrated by at least ten reportable occurrences since September, 1975, (References 4-13)¹ and

Whereas, DPC has been unable to arrive at any solutions to the electrical penetration leaks, and thus has no guarantee that such leaks will not continue, and

Whereas, we believe that said leaks represent another breach of the containment integrity and as such present substantial dangers inimical to the health and safety of the public,

We, therefore, request that the NRC order DPC to cease operation of LACBWR until such time as all leakage problems are permanently resolved.

4. Whereas, LACBWR has had and continues to have severe problems relative to Forced Circulation Pump 1A, and

Whereas, said problem is on-going, with no ultimate resolution likely in the foreseeable future, and

Whereas, said problem calls into question the ability of DPC to safely operate the LACBWR facility,

We, therefore, request that the NRC order DPC to cease further operation of LACBWR until such time as the consistently proper functioning of Forced Circulation Pump 1A can be assured.²

¹It should be noted that such excessive leakage rates have occurred with increasing frequency (see Table 1) and that LACBWR failed miserably the Class A test in October of last year.

²It is of grave concern to us that the NRC has permitted LACBWR to continue operation with a single loop mode during Cycle 5 without FCP 1A in service. It is our belief that approval of such operation was not a cautious and conservative decision, and as such unduly endangered the health and safety of the public.

5. Whereas, LACBWR experienced gross fuel failure in Cycle 4 which resulted in a license amendment (Reference 14) placing operational restrictions on LACBWR, and

Whereas, LACBWR has violated said amendment restrictions on numerous occasions (Reference 15), and

Whereas, LACBWR continues to experience fuel failure, as indicated by high off-gas levels and high alpha contamination of the primary coolant (Reference 16) that has not diminished significantly, and

Whereas, further fuel damage is predicted with Cycle 5, and

Whereas, these conditions pose additional threats inimical to the health and safety of the public,

We, therefore, request that the NRC order DPC to cease operation of LACBWR until such time as complete compliance with Amendment 11 to Provisional Operating License DPR-45 can be assured.

6. Whereas, LACBWR experienced gross failure of their old Allis-Chalmers fuel in Cycle 4 operations, and

Whereas, LACBWR continues to experience serious difficulty with fuel performance, as shown by the fuel failures of Cycle 5, and

Whereas, any refueling plan for Cycle 6 that does not involve the removal of all remaining Allis-Chalmers fuel from the reactor is inimical to the safe operation of LACBWR,

We, therefore, request that the NRC order DPC to cease operation of LACBWR until such time as the entire reactor core can be loaded with the more safe and reliable Exxon fuel.

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7. Whereas, the LACBWR spent fuel storage pool is presently filled to capacity, and

Whereas, there is no storage space available for the eight irradiated assemblies that are currently being stored at Morris, Ill. under a one-time-only three year temporary contract, and

Whereas, the irradiation of more assemblies without a guaranteed off-load capacity is generally regarded as irresponsible, and

Whereas, a DPC request for the expansion of the LACBWR spent fuel storage pool is currently under consideration by the NRC, and

Whereas, the production of any more spent fuel would only serve to increase the "sense of urgency" that DPC has in the past used as a justification for the speedy approval of their proposed spent fuel expansion plan,

We, therefore, request that the NRC order DPC to cease operation of LACBWR until such time as DPC's spent fuel pool expansion is approved by the NRC.

Dated this 21st day of May, 1979.

Respectfully submitted,

Alan K. Morse

TABLE ONE

LACBWR CONTAINMENT BUILDING LEAKS REPORTED
SINCE JULY 1975 THAT WERE ABOVE THE ALLOWABLE LIMIT

THE "ALLOWABLE LIMIT" AS PER TECHNICAL SPECIFICATION
SECTION 5.2.1.2(b)1 - IS 0.375 SCFH (STANDARD CUBIC FEET PER HOUR)

#	DATE	ITEM	RATE IN SCFH
1	7-20-75	CONTAINMENT VENTILATION OUTLET DAMPER	56.
2	7-20-75	MAIN STEAM LINE VALVE	8.
3	7-20-75	FEED WATER LINE VALVE	5.
4	7-20-75	DEMINERALIZER WATER ISOLATION VALVE	8.
5	7-20-75	SHUTDOWN CONDENSER VENT TO OFF-GAS VALVE	142.
6	7-20-75	HEATING STEAM AND CONDENSATE RETURN VALVE	67.
7	7-20-75	SHUTDOWN CONDENSER SHELL SIDE VENT	2.
8	7-20-75	EMERGENCY AIRLOCK EQUALIZING VALVE	15.
9	7-22-75	RESIN SLUISE LINE VALVE	2.86
10	7-22-75	HEATING STEAM AND CONDENSATE VALVE	124
11	7-22-75	SERVICE AIR	24.5
12	6-16-76	REACTOR VENT HEADER ISOLATION VALVE	2.37
13	6-16-76	SHUTDOWN CONDENSER VENT TO OFF-GAS VALVE	.975
14	8-16-76	EQUALIZING VALVE OUTER DOOR CON- TAINMENT PERSONNEL AIR LOCK	4.13
15	4-15-77	ELECTRICAL PENETRATION # 4	5.3
16	4-15-77	EQUALIZING VALVE OUTER DOOR CON- TAINMENT PERSONNEL AIR LOCK	360.2
17	4-15-77	CONTAINMENT BUILDING HEATING STEAM CHECK VALVE	860.
18	1-31-78	CONTAINMENT VENTILATION INLET DAMPER	1.07
19	2-14-78	CONTAINMENT VENTILATION OUTLET DAMPER	401.4
20	2-14-78	CONDENSATE DEMINERALIZER TO RESER- VOIR VALVE	19.2
21	2-14-78	ELECTRICAL PENETRATION # 4	4.71
22	10-30-78	CONTAINMENT VENTILATION OUTLET DAMPER	47.3
23	10-30-78	ELECTRICAL PENETRATION # 4	15.
24	11-27-78	OUTER DOOR OF PERSONNEL AIR LOCK	1.037
25	12-4-78	INNER DOOR OF PERSONNEL AIR LOCK	9.015
26	1-19-79	CONDENSATE DEMINERALIZER TO RESER- VOIR VALVE	.684
27	1-19-79	DEMINERALIZER WATER ISOLATE VALVE	.597
28	1-16-79	ELECTRICAL PENETRATION # 3	.412
29	1-16-79	ELECTRICAL PENETRATION # 4	8.27
30	1-16-79	ELECTRICAL PENETRATION # 6	.619

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REFERENCES

1. Linder to Ziemann, 2/1/79, LAC-6104.
2. Ziemann to DPC, 11/29/78.
3. Liquifaction Analysis for La Crosse Nuclear Power Station.
4. Reportable Occurences, Gaston Fiorrhi to DPC, 9/4/75.
5. LAC-4008, 6/16/76.
6. LAC-4131, 8/16/76.
7. LAC-4646, 4/15/77.
8. LAC-5136, 1/31/78.
9. LAC-5165, 2/14/78.
10. LAC-5524, 11/27/78.
11. LAC-6025, 12/4/78.
12. LAC-6072, 1/16/79.
13. LAC-6079, 1/19/79.
14. Amendment 11 to Provisional License DPR-45.
15. LAC-5479, 9/78, and LAC-6114, 2/79.
16. LAC-5261, 4/78.

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)
DAIRYLAND POWER COOPERATIVE)
(La Crosse Boiling Water Reactor))

Docket No. 509
Motion to Suspend
Provisional Operating
License No. DPR-45

CERTIFICATE OF SERVICE

Service has on this day been effected by personal
delivery or first class mail on the following persons:

Director of Reactor Regulation
U.S. Nuclear Regulatory
Commission
Washington, D.C. 20555

Docketing & Service Section
Office of the Secretary
U.S. Nuclear Regulatory
Commission
Washington, D.C. 20555

Office of Inspection and
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Dated this 21st day of May, 1979.

Anne K. Morse

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Dairyland Power Cooperative
(La Crosse Boiling Water Reactor)

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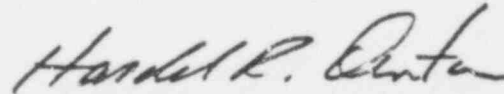
Docket No. 50-409

REQUEST FOR ACTION UNDER 10 CFR 2.206

Notice is hereby given that by petition dated May 21, 1979, Anne K. Morse requested that an order be issued to suspend License No. DPR-45 issued for operation of the Dairyland Power Cooperative's La Crosse Boiling Water Reactor. This petition is being treated as a request for action under 10 CFR 2.206 of the Commission's regulations, and accordingly, action will be taken on the petition within a reasonable time.

Copies of the petition are available for inspection in the Commission's Public Document Room at 1717 H Street, N. W., Washington, D. C. 20555 and in the local public document room at La Crosse Public Library, 800 Main Street, La Crosse, Wisconsin 54601.

FOR THE NUCLEAR REGULATORY COMMISSION



Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland
this 19th day of June, 1979.

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