September 29, 1982

(608) 788-4000

In reply, please refer to LAC-8629

DOCKET NO. 50-409

Director of Nuclear Reactor Regulation ATTN: Mr. Dennis M. Crutchfield, Chief Operating Reactors Branch No. 5 Division of Operating Reactors U. S. Nuclear Regulatory Commission Washington, D. C. 20555

SUBJECT: DAIRYLAND POWER COOPERATIVE

LA CROSSE BOILING WATER REACTOR (LACBWR) PROVISIONAL OPERATING LICENSE NO. DPR-45 APPLICATION FOR AMENDMENT TO LICENSE

REFERENCES: (1) DPC Letter, LAC-5123, Madgett to Reid dated January 20, 1977

(2) Final Report, "Analysis of the Vessel Material Surveillance Capsules Withdrawn from La Crosse Boiling Water Reactor During the 1980 Refueling", SwRI Project No. 02-6208-001, dated October 9, 1981

(3) DPC Letter, LAC-7970, Linder to Crutchfield, dated December 8, 1981

Gentlemen:

In accordance with the provisions of 10 CFR 50.36(a), we are submitting an application to amend Provisional Operating License No. DPR-45 by proposing changes to Technical Specifications for the La Crosse Boiling Water Reactor (LACBWR). The first proposed change deals with the safety valves installed on the reactor coolant system.

A version of proposed changes on safety reliefs was submitted in Reference 1. but the enclosed proposed change supercedes those of Reference 1 in their entirety.

In order to incorporate these proposed changes, the following is necessitated.

Delete Section 2.4.1 Safety Valves. This section is no longer needed, as the enclosed proposed LCO specifies the number and setpoints of the RCS safety valves. The size of valve, as specified in the plant design, determined the steam flow upon lift.

Replace Section 4.2.2.5 with the enclosed proposed LCO of the same number and associated surveillance requirements.

Another proposed change is submitted herein that deals with the reactor vessel nil-ductility transition temperature and associated temperature.

Except for the deletions stated above, the proposed changes are enclosed as full page replacements to our present Technical Specifications.

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The information submitted with this application for license amendment has been reviewed by LACBWR committees as prescribed in Technical Specifications.

If there are any questions concerning this submittal, please contact us.

Very truly yours,

DAIRYLAND POWER COOPERATIVE

Frank Linder, General Manager

FL:HAT:eme

Enclosure: Proposed Revised Technical Specifications

cc: J. Keppler, Regional Administrator, NRC-DRO III

M. Branch, NRC Resident Inspecto.

STATE OF WISCONSIN)
COUNTY OF LA CROSSE)

Personally came before me this 30 day of September, 1982, the above named Frank Linder, to me known to be the person who executed the foregoing instrument and acknowledged the same.

Notary Public, La Crosse County,

Wisconsin

My Commission Expires 2/26/84

TABLE 1

REACTOR VESSEL TOUGHNESS

	COMPONENT	COMP CODE	MATERIAL TYPE	CU %	P %	DWNDT F	30 FT-LB	50 FT-LB	35 MIL	INITIAL RTNDT F
1.	Mid-core	NP 1054	SA 302 Gr B	0.10(a)	0.009	10	-10	-5		10(b)
2.	Below core	NP 1055	SA 302 Gr B	0.14(a)	0.009	-65	-75	-55	-65	0(c)
3.	Above core	NP 1056	SA 302 Gr B	0.11	0.008	50	30	90	55	50(b)
4.	Welds	Weld	SA 302 Gr B	0.18	0.016	-10	-30	30	-15	0(c)

- (a) Determined from irradiated specimen analysis.
- (b) RTNDT is the higher of (1) DWNDT, (2) 60°F below the 50 ft-1b C_V TT (increased by 20°F because specimens are longitudinally oriented), and (3) 60°F below the 35 mil LE C_V TT (increased by 20°F because specimens are longitudinally oriented). (NRC Standard Review Plan, NUREG 75/087, November 24, 1975).
- (c) Since DWNDT tests were not run, $RT_{NDT} = 30$ ft-lb C_v TT or $0^{\circ}F$, whichever is higher. (NRC Standard Review Plan, NUREG 75/087, November 24, 1975).

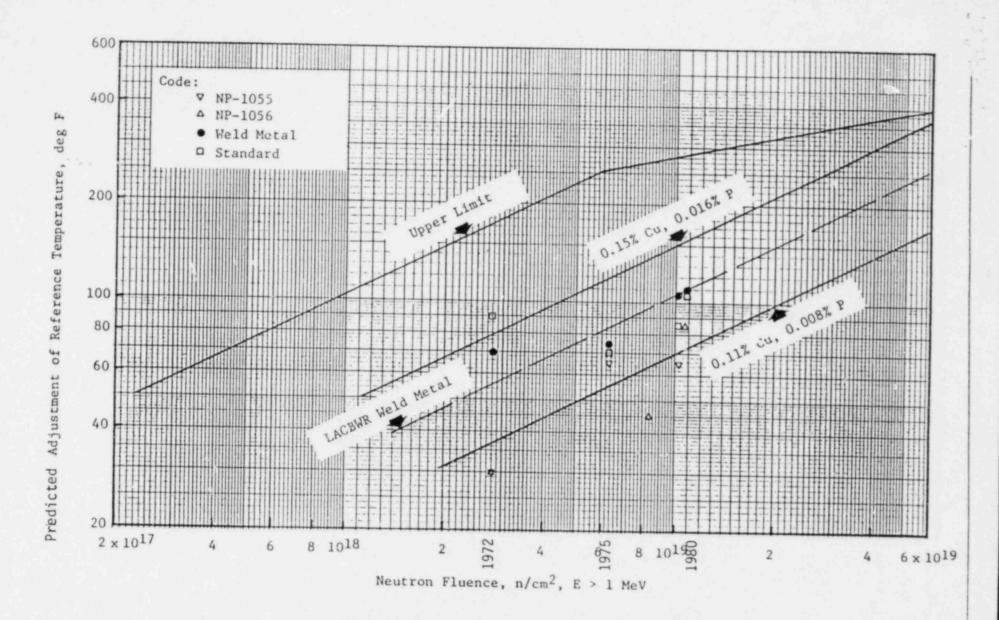


FIGURE 1 EFFECT OF NEUTRON FLUENCE ON READT OF LACBUR VESSEL SURVEILLANCE MATERIALS