DAIRYLAND POWER COOPERATIVE · P.O. BOX 817 · 2615 EAST AV SOUTH · LA CROSSE, WISCONSIN 54601
(608) 788-4000

October 8, 1982

In reply, please
refer to LAC-8650

DOCKET NO. 50-409

Director of Nuclear Reactor Regulation
ATTN: Mr. Dennis M. Crutchfield, Chief
Operating Reactors Branch #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
SEP TOPIC VI-4, CONTAINMENT ISOLATION SYSTEMS
(LA CROSSE): REQUEST FOR ADDITIONAL INFORMATION

REFERENCE: (1) NRC Letter, Crutchfield to Linder,
dated August 27, 1982

Gentlemen:

Your letter (Reference 1) requested that we review your draft evaluation of SEP Topic VI-4. Containment Isolation System.

Enclosed is completed Table 1 from Reference 1 in which we have supplied additional information.

The LACBWR containment and isolation system was designed in 1962. Design modifications based on questions from the Assistant Director of the Division of Licensing and Regulation of the AEC were made in 1963. Subsequent modifications in 1964 to containment isolation were made based on current practices and criteria as compiled in "U. S. Reactor Containment Technology", ORNL-NSIC-5, issued by the Oak Ridge National Laboratory, in final form in August 1965.

Your assessment in Reference 1 is essentially correct, based on changes in containment (isolation) technology which has evolved from research and development and official attitudes regarding the adequacy of containment provisions.

If you have any further questions, please contact us.

Very truly yours,

DAIRYLAND POWER COOPERATIVE

James W Taylor

for Frank Linder, General Manager

A035

FL:HAT:eme
Enclosure
cc: J. G. Keppler, Regional Administrator, NRC-DRO III
NRC Resident Inspector

TABLE 1

SEP TOPIC VI-4 CONTAINMENT ISOLATION SYSTEM REVIEW ITEMS
PLANT: LA CROSSE

PENETRATION NO.	SYSTEM NAME AND SERVICE LINE SIZE	PENE. CLASS NO.	VALVE IDENT. NO.	VALVE TYPE OR DESCRIPTION	LOCATION		POSITION				ESSENTIAL	ACTUATION	REMARKS
					O.C.	I.C.	NORMAL	SHUT DOWN	POST LOCA	PWR FAIL			
M-19	Offgas vent from shutdown cond.		62-25-003	AO Globe		X	---	---SHUT--		---	E	DC	
M-13	Station Air		70-26-027	Check		X	O	O	C	-	NE	SELF	
M-12	Control Air		93-26-002	Check		X	O	O	C	-	E	SELF	
			93-26-001	Check	X		O	O	C	-	E	SELF	
M-11	Deminer.Water to CHST&Shtdn.Cond.		67-26-001	Check		X	O	O	O	-	E	SELF	
M-8	Hi Pres Serv Wat to Core Spr/ShtC		75-26-003	Check		X	O	O	O	-	E	SELF	
M-6	Main Steam		64-30-001	Plug-Cock		X	O	C	C	As is	NE	SELF	DC pilot vlv. to control hyd.MSIV Operator
M-7	Feedwater		65-26-001	Check		X	O	C	C	-	NE	SELF	
M-9	To Reactor Plant Equipment										E		
M-10	From Reactor Plant Equipment										E		
M-17	To Main Condenser Hotwell		56-25-001	AO Globe		X	C	O	C	C	NE	AC	
			62-25-017	AO Globe		X	O	C	C	C	NE	AC	
M-18	To Seal Inject. from Cond.Drain		52-26-039	Check		X	O	O	C	-	NE	SELF	
			52-26-040	Check	X		O	O	C	-	NE	SELF	
M-26	To&From Reactor Equipment		73-25-021	AO Globe	X		C	O	C	C	NE	AC	
			73-26-005	Check	X		C	O	C	-	NE	SELF	
M-22	From Waste Water Storage Tanks		54-25-006	AO Globe		X	---	---SHUT--		---	NE	AC	
			54-211-017	Man. Globe		X	"	"	"	"	NE	AC	
M-25	Sump Pump Disc. Waste Water Stg.		54-25-006	AO Globe		X	---	---SHUT--		---	NE	AC	
			54-24-018	Man. Globe		X	"	"	"	"	NE	AC	
M-27	To Evap. Feed Tank Wste Dispos		54-25-006	AO Globe		X	---	---SHUT--		---	NE	AC	
			54-24-016	Man. Globe		X	"	"	"	"	NE	AC	
M-23	Resin Sluice to Waste Disp. Bldg		54-24-019	Man. Ball		X	---	---SHUT--		---	NE	AC	
			54-24-020	" "		X	"	"	"	"	NE	AC	
			54-24-021	" "		X	"	"	"	"	NE	AC	
			54-24-022	" "		X	"	"	"	"	NE	AC	
			54-24-036	" "		X	"	"	"	"	NE	AC	
			54-24-037	" "		X	"	"	"	"	NE	AC	

TABLE 1

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PLANT: LA CROSSE

PENETRATION NO.	SYSTEM NAME AND SERVICE LINE SIZE	PENE. CLASS NO.	VALVE IDENT. NO.	VALVE TYPE OR DESCRIPTION	LOCATION		POSITION				ESSENTIAL	ACTUATION	REMARKS
					O.C.	I.C.	NORMAL	SHUT DOWN	POST LOCA	PWR FAIL			
M-29	Offgas vent to Stack		55-25-003 55-25-004	AO Globe AO Globe	 X	X	--- "	---SHUT-- " "	 "	--- "	NE	AC	
M-34	Steam from Shtdn Cond to Atm.										E		
M-32	Vacuum Breaker		37-27-001	Mechanical Globe		X	---	---SHUT--		---	E		
M-36	Vacuum Breaker		37-27-002	Mechanical Globe		X	---	---SHUT--		---	E		
M-31	Ventilation Supply		73-25-001 73-25-002	AO Butterfly		X X	0 0	0 0	C C	C C	NE NE	AC AC	
M-21	Exhaust to pipg. tunnel & stack		73-25-005 73-25-006	AO Butterfly		X X	0 0	0 0	C C	C C	NE NE	AC AC	
M-33	Sleeve												Packing gland each end forms Cont.Seal
M-24, 20, 30	Welded Capped Spares												
M-16	Containment Building Level		37-28-008 37-28-010	Manual Globe	X X		--- "	---OPEN-- " "	 "	--- "	E		
M-14	DITTO		37-28-003	Manual Globe	X		---	---OPEN--		---	E		
2B	Cont. Press. to Start ECCS		37-28-012	Manual Globe	X		---	---OPEN--		---	E		
1A	Cont. Bldg. Drain Suction		38-23-009 38-28-010	Manual Globe Manual Globe	X X		--- "	---SHUT-- " "	 "	--- "	NE NE		
1A	Cont. Press. to Isolate Cont.		37-28-001 37-28-002	Manual Globe Manual Globe	X X		--- "	---OPEN-- " "	 "	--- "	E E		
1A	Alternate Core Spray		38-26-001 38-26-002	Check Check		X X	C C	C C	O O	- -	E E	SELF SELF	
M-28	Reactor Cavity Purge Air		55-26-006	Check	X		0	0	C	C	NE	SELF	
2-B	Cont. Air Sample		84-25-013 84-25-014	Solenoid Solenoid	 X	X	C C	C C	O O	C C	E E	AC AC	Environmentally Qualified
M-35	Reactor Coolant Sample		84-25-001 84-25-002	Elec. Globe Elec. Globe	 X	X	C C	C C	O O	C C	E E	AC AC	Environmentally Qualified
M-15	Reactor Coolant Sample		84-25-007 84-26-004	Solenoid Check	X	 X	C C	C C	O O	C C	E E	AC SELF	