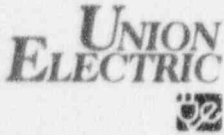


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February 15, 1996



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Donald F. Schnell  
Senior Vice President  
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Gentlemen:

ULNRC-03333

CALLAWAY PLANT  
DOCKET NUMBER 50-483  
PRESSURE LOCKING AND THERMAL BINDING OF  
SAFETY-RELATED POWER-OPERATED GATE VALVES

- References: 1) Generic Letter 95-07  
dated August 17, 1995  
2) ULNRC-3277, dated  
October 10, 1995  
3) ULNRC-3327, dated  
February 9, 1996

Generic Letter 95-07 requested that licensees provide information concerning pressure locking and thermal binding of safety-related power-operated gate valves within 60 and 180 days of the generic letter date. Our 60 and 180 day responses were transmitted as References 2 and 3, respectively.

This letter corrects information transmitted in Attachment 2 of Reference 3. Attachment 2 lists the valves included in the generic letter review. Four air-operated diaphragm valves were inadvertently included in the evaluation for pressure locking or thermal binding. Attachment 2 has been corrected and is included. With this change, the scope of our evaluation now contains 80 motor operated, 8 hydraulic operated and no air operated valves.

If you have any questions concerning this information, please contact us.

Very truly yours,

A handwritten signature in cursive script that reads "Donald F. Schnell".  
Donald F. Schnell

210020

CDN/  
Attachment

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Attachment 2

Callaway GL 95-07 Valve Data				
Valve ID	Noun Name	Remarks	Valve Manufacturer	Valve Type
ALHV0034	CST TO MD AFP B ISO	Safety Function to close only.	ANCHOR-DARLING	FW GATE
ALHV0035	CST TO MD AFP A ISO	Safety Function to close only.	ANCHOR-DARLING	FW GATE
ALHV0036	CST TO TD AFP ISO	Safety Function to close only.	ANCHOR-DARLING	FW GATE
BBHV0013	RCP A THRM BAR CCW RTN ISO	Safety Function to close only.	VELAN	FW GATE
BBHV0014	RCP B THRM BAR CCW RTN ISO	Safety Function to close only.	VELAN	FW GATE
BBHV0015	RCP C THRM BAR CCW RTN ISO	Safety Function to close only.	VELAN	FW GATE
BBHV0016	RCP D THRM BAR CCW RTN ISO	Safety Function to close only.	VELAN	FW GATE
BBHV8000A	PZR PORV BBPCV0455A INLET ISO		WESTINGHOUSE	FW GATE
BBHV8000B	PZR PORV BBPCV0456A INLET ISO		WESTINGHOUSE	FW GATE
BBHV8037A	PRT OUT TO CTMT NORM SMP ISO	Cold SD, N/A for GL 95-07	WESTINGHOUSE	FW GATE
BBHV8037B	PRT OUT TO CTMT NORM SMP ISO	Cold SD, N/A for GL 95-07	WESTINGHOUSE	FW GATE
BBPV8702A	RCS HL 1 TO RHR PMP SUCTION ISO	Cold SD, N/A for GL 95-07	WESTINGHOUSE	FW GATE
BBPV8702B	RCS HL 4 TO RHR PMP SUCTION ISO	Cold SD, N/A for GL 95-07	WESTINGHOUSE	FW GATE
BGHV8105	CHRGNG PMPS TO REGEN HX CTMT ISO	Safety Function to close only.	WESTINGHOUSE	FW GATE
BGHV8106	CHRGNG PMPS TO REGEN HX CTMT ISO	Safety Function to close only.	WESTINGHOUSE	FW GATE
BGLCV112B	VCT OUT UPSTRM ISO	Safety Function to close only.	WESTINGHOUSE	SW GATE
BGLCV112C	VCT OUT DNSTRM ISO	Safety Function to close only.	WESTINGHOUSE	SW GATE
BNHV0003	RWST TO CTMT SPRY PMP B	Normal line-up is open.	ANCHOR-DARLING	FW GATE
BNHV0004	RWST TO CTMT SPRY PMP A	Normal line-up is open.	ANCHOR-DARLING	FW GATE
BNHV8806A	SI PMP A SUCT FROM RWST ISO	Normal line-up is open.	WESTINGHOUSE	FW GATE
BNHV8806B	SI PMP B SUCT FROM RWST ISO	Normal line-up is open.	WESTINGHOUSE	FW GATE
BNHV8812A	RWST TO RHR PMP A SUCT ISO	Normal line-up is open.	WESTINGHOUSE	FW GATE
BNHV8812B	RWST TO RHR PMP B SUCT ISO	Normal line-up is open.	WESTINGHOUSE	FW GATE
BNLCV112D	CCP A SUCT FROM RWST ISO		WESTINGHOUSE	FW GATE
BNLCV112E	CCP B SUCT FROM RWST ISO		WESTINGHOUSE	FW GATE
EFHV0097	ESW PMP A DISCH RECIRC		VELAN	SW GATE
EFHV0098	ESW PMP B DISCH RECIRC		VELAN	SW GATE
EFPDV0019	ESW S-C STR A DRN DP CTRL VLV		VELAN	SW GATE
EFPDV0020	ESW S-C STR B DRN DP CTRL VLV		VELAN	SW GATE
EGHV0058	CCW TO CTMT OUTER ISO HV	Safety Function to close only.	ANCHOR-DARLING	PDG
EGHV0059	CCW FROM CTMT OUTER ISO	Safety Function to close only.	ANCHOR-DARLING	PDG
EGHV0060	CCW FROM RCS IN CTMT ISO	Safety Function to close only.	ANCHOR-DARLING	PDG
EGHV0061	CCW FROM RCP THERM BAR OUTER CTMT ISO	Safety Function to close only.	VELAN	PSG
EGHV0062	CCW FROM RCS IN CTMT ISO	Safety Function to close only.	VELAN	PSG
EGHV0071	CCW TO CTMT OUTER ISO	Passive Safety Function only.	ANCHOR-DARLING	FW GATE
EGHV0126	CCW TO CTMT BYP ISO	Passive Safety Function only.	ANCHOR-DARLING	FW GATE
EGHV0127	CCW TO CTMT BYP ISO	Passive Safety Function only.	ANCHOR-DARLING	PDG
EGHV0130	CCW FROM RCS CTMT EGHV0060 BYP ISO	Passive Safety Function only.	ANCHOR-DARLING	PDG
EGHV0131	CCW FROM CTMT EGHV0059 BYP ISO	Passive Safety Function only.	ANCHOR-DARLING	FW GATE
EGHV0132	CCW FROM RCS CTMT EGHV0062 BYP ISO	Passive Safety Function only.	VELAN	PSG
EGHV0133	CCW FROM RCP THRM BAR EGHV0061 BYP ISO	Passive Safety Function only.	VELAN	PSG
EJFCV0610	RHR PMP A MINIFLOW CTRL		WESTINGHOUSE	FW GATE
EJFCV0611	RHR PMP B MINIFLOW CTRL		WESTINGHOUSE	FW GATE
EJHV8701A	RCS HL 1 TO RHR PMP SUCTION ISO	Cold SD, N/A for GL 95-07	WESTINGHOUSE	FW GATE
EJHV8701B	RCS HL 4 TO RHR PMP SUCTION ISO	Cold SD, N/A for GL 95-07	WESTINGHOUSE	FW GATE
EJHV8716A	RHR TRN A SI SYS HOT LEG RECIRC ISO		WESTINGHOUSE	FW GATE
EJHV8716B	RHR TRN B SI SYS HOT LEG RECIRC ISO		WESTINGHOUSE	FW GATE
EJHV8804A	RHR TRN A CHARGING PUMPS SPLY ISO		WESTINGHOUSE	FW GATE
EJHV8804B	RHR TRN B SI PUMPS SPLY ISO		WESTINGHOUSE	FW GATE
EJHV8809A	RHR TRN A ACC INJ SPLY ISO	Safety Function to close only.	WESTINGHOUSE	FW GATE
EJHV8809B	RHR TRN B ACC INJ SPLY ISO	Safety Function to close only.	WESTINGHOUSE	FW GATE

Attachment 2

Callaway GL 95-07 Valve Data				
Valve ID	Noun Name	Remarks	Valve Manufacturer	Valve Type
EJHV8811A	CTMT RECIRC SUMP TO RHR PUMP A SUCT ISO		WESTINGHOUSE	FW GATE
EJHV8811B	CTMT RECIRC SUMP TO RHR PUMP B SUCT ISO		WESTINGHOUSE	FW GATE
EJHV8840	RHR TO HOT LEG RECIRC ISO		WESTINGHOUSE	FW GATE
EMHV8801A	BORON INJ OUTLET ISO		WESTINGHOUSE	FW GATE
EMHV8801B	BORON INJ OUTLET ISO		WESTINGHOUSE	FW GATE
EMHV8802A	SI PMP A DISCH TO HOT LEG INJ ISO		WESTINGHOUSE	FW GATE
EMHV8802B	SI PMP B DISCH TO HOT LEG INJ ISO		WESTINGHOUSE	FW GATE
EMHV8803A	BORON INJ HDR SPLY FROM CCP A ISO		WESTINGHOUSE	FW GATE
EMHV8803B	BORON INJ HDR SPLY FROM CCP B ISO		WESTINGHOUSE	FW GATE
EMHV8807A	RHR HX A TO SI PMPs SUCT DNSTRM ISO		WESTINGHOUSE	FW GATE
EMHV8807B	RHR HX A TO SI PMPs SUCT DNSTRM ISO		WESTINGHOUSE	FW GATE
EMHV8821A	SI PMP A DISCH TO COLD LEG INJ ISO	Safety Function to close only.	WESTINGHOUSE	FW GATE
EMHV8821B	SI PMP B DISCH TO COLD LEG INJ ISO	Safety Function to close only.	WESTINGHOUSE	FW GATE
EMHV8835	SI PMPs DISCH TO COLD LEG INJ ISO	Safety Function to close only.	WESTINGHOUSE	FW GATE
EMHV8923A	RWST TO SI PMP A SUCT ISO	Safety Function to close only.	WESTINGHOUSE	FW GATE
EMHV8923B	RWST TO SI PMP B SUCT ISO	Safety Function to close only.	WESTINGHOUSE	FW GATE
ENHV0001	CTMT RECIRC SMP TO CTMT SPRY PMP A		ANCHOR-DARLING	FW GATE
ENHV0006	CTMT SPRY PMP A DISCH		ANCHOR-DARLING	FW GATE
ENHV0007	CTMT RECIRC SMP TO CTMT SPRY PMP B		ANCHOR-DARLING	FW GATE
ENHV0012	CTMT SPRY PMP B DISCH		ANCHOR-DARLING	FW GATE
EPHV8808A	SI ACC TK A OUT ISO	Safety Function to close only.	WESTINGHOUSE	FW GATE
EPHV8808B	SI ACC TK B OUT ISO	Passive Safety Function only.	WESTINGHOUSE	FW GATE
EPHV8808C	SI ACC TK C OUT ISO	Passive Safety Function only.	WESTINGHOUSE	FW GATE
EPHV8808D	SI ACC TK D OUT ISO	Safety Function to close only.	WESTINGHOUSE	FW GATE
KAHV0030	H2 CTRL SYS M/U AIR HV	Passive Safety Function only.	BORG-WARNER	SVV GATE
KCHV0253	F-PROT LOOP TO RX BLD OUTER CTMT ISO	Safety Function to close only.	VELAN	PSG
LFV0095	CTMT NORM SMP PMPs DISCH HDR	Safety Function to close only.	ANCHOR-DARLING	FW GATE
LFHV0105	DRW SMPs DISCH HDR DNSTRM HV	Safety Function to close only.	ANCHOR-DARLING	FW GATE
LFHV0106	DRW SMPs DISCH HDR UPSTRM HV	Safety Function to close only.	ANCHOR-DARLING	FW GATE
ABHV0011	SG D MAIN STEAM LINE ISO	Safety Function to close only.	ANCHOR-DARLING	DD GATE
ABHV0014	SG A MAIN STEAM LINE ISO	Safety Function to close only.	ANCHOR-DARLING	DD GATE
ABHV0017	SG B MAIN STEAM LINE ISO	Safety Function to close only.	ANCHOR-DARLING	DD GATE
ABHV0020	SG C MAIN STEAM LINE ISO	Safety Function to close only.	ANCHOR-DARLING	DD GATE
AEFV0039	SG A FW SPLY ISO	Safety Function to close only.	ANCHOR-DARLING	DD GATE
AEFV0040	SG B FW SPLY ISO	Safety Function to close only.	ANCHOR-DARLING	DD GATE
AEFV0041	SG C FW SPLY ISO	Safety Function to close only.	ANCHOR-DARLING	DD GATE
AEFV0042	SG D FW SPLY ISO	Safety Function to close only.	ANCHOR-DARLING	DD GATE