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	EFFECTIVE DATE: February 1, 1981	

TITLE: Appendix C - Ginna Station Inservice Pump and Valve Testing Program for the January 1, 1981 through December 31, 1990 Period		SIGNATURE	DATE
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Valve #	Type	Description	Note	Test	Freq
081	APV	Control Room Ventilation Damper	-	Stroke	Q
082	APV	Control Room Ventilation Damper	-	Stroke	Q
083	APV	Control Room Ventilation Damper	-	Stroke	Q
084	APV	Control Room Ventilation Damper	-	Stroke	Q
085	APV	Control Room Ventilation Damper	-	Stroke	Q
086	APV	Control Room Ventilation Damper	-	Stroke	Q
112B	LCV	Emergency Makeup RWST to Charging Pump	-	Stroke	Q
112C	LCV	VCT Outlet	-	Stroke	Q
427	AOV	Letdown From Loop B	3	Stroke	C/R
430	PORV	Reactor Coolant System Pressure Relief	16	Stroke	C/R
431C	PORV	Reactor Coolant System Pressure Relief	16	Stroke	C/R
515	MOV	Pressurizer PORV Block Valve	23	Stroke	Q
516	MOV	Pressurizer PORV Block Valve	23	Storke	Q
624	HCV	1-B RHR HX Outlet	-	Stroke	Q
625	HCV	1-A RHR HX Outlet	-	Stroke	Q
626	FCV	RHR Loop Return	-	Stroke	Q
700	MOV	Suction Stop From Loop A to RHR Pumps	8	Stroke	C/R

Valve #	Type	Description	Note	Test	Freq
701	MOV	Suction Stop From Loop A to RHR Pumps	8	Stroke	C/R
704A	MOV	Suction 1-A RHR Pump	-	Stroke	Q
704B	MOV	Suction 1-B RHR Pump	-	Stroke	Q
720	MOV	10" Discharge to B Loop From RHR Pumps	8	Stroke	C/R
721	MOV	10" Disch to B Loop From RHR Pumps	8	Stroke	C/R
738A	MOV	CC to 1-A RHR HX	-	Stroke	Q
738B	MOV	CC to 1-B RHR HX	-	Stroke	Q
825A	MOV	SI Pump Suction From RWST	9	Stroke	C/R
825B	MOV	SI Pump Suction From RWST	9	Stroke	C/R
826A	MOV	SI Pump Suction From BA Tank	-	Stroke	Q
826B	MOV	SI Pump Suction From BA Tank	-	Stroke	Q
826C	MOV	SI Pump Suction From BA Tank	-	Stroke	Q
826D	MOV	SI Pump Suction From BA Tank	-	Stroke	Q
836A	HCV	Spray Additive Tank Discharge	17	Stroke	Q
836B	HCV	Spray Additive Tank Discharge	17	Stroke	Q
850A	MOV	Sump B to RHR Pumps	-	Stroke	Q
850B	MOV	Sump B to RHR Pumps	-	Stroke	Q
852A	MOV	RHR Pumps to Reactor Vessel	18	Stroke	C/R
852B	MOV	RHR Pumps to Reactor Vessel	18	Stroke	C/R
856	MOV	RWST to RHR Pumps	9	Stroke	C/R
857A	MOV	Isolate 1B RHR HX From CS and SI Pumps	-	Stroke	Q

storage tank to the safety injection and residual heat removal pumps. These valves will be stroked at cold shutdowns and refueling outages.

Note 10- Valves 853A and 853B cannot be stroked during normal plant operation on a quarterly basis because this test require would pressurizing the RHR system to the primary system operation pressure. These valves will be stroked at refueling outages.

Note 11- Valves 1076A, 1076B, 1080A, 1084A, 1084B, IV-3A, IV-3B, IV-5A, IV-5B, IV-2A, IV-2B, 1811A, 1811B, 6151, 6175, 7141, 7226, 7443 7444, 7445, 8418 and 8419 are considered passive valves which are not required to change position to acccomplish their specific function. Stroking these valves would serve no useful function and will therefore not be done as per IWV-3700-1.

Note 12- Valve 866A cannot be stroke tested during normal plant operation on a quarterly basis because this test would result in a substantial radiation exposure to test personnel. Stroke testing at this location resulted in approximately 400 mrem whole body exposure to the test personnel. This valve will be stroked at cold shutdowns and refueling outages.

Note 13- Valves 867A, 867B, 878G, and 878J cannot be stroked during normal operation on a quarterly basis or at cold shutdown condition when the primary system is full. This test may only be done when the plant is in a refueling shutdown condition with a partially full primary system in order to prevent an overpressurization.

Note 14- Valves 3516 and 3517 cannot be stroked during normal plant operation on a quarterly basis because they are the main steam swing check stop valves. These valves are stroked during each plant startup.

Note 15- Category C Relief Valves shall be tested in accordance with the extent and frequency requirements of Paragraph IWV-3510 of Article IWV of Section XI of the Code.

Note 16- Valves 430 and 431C are the power operated relief valves associated with the overpressurization system. These valves shall not be stroked quarterly as they need not be operable when the plant is at normal system pressure. Operability of these valves shall be verified as follows:

(1) Full stroke exercising during cool down prior to achieving water solid condition in the pressurizer and during cold shutdown prior to heat up.

(2) Stroke timing to be performed as a minimum once each refueling cycle as a part of the channel calibration specified by Technical Specifications 4.16.1b.

(3) Fail safe actuation testing is permitted by the code to be performed at each cold shutdown if valve cannot be tested during power operation.

(4) Technical specification 4.16.1a and 4.16.1c delineate additional requirements for operability verification of the PORV actuation channel and valve position.

Note 17- Valve stroking will be normally accomplished monthly, except during cold and refueling shutdowns, consistent with the monthly Technical Specification requirement.

Note 18- Valves 852A and 852B cannot be stroked during normal plant operation as these valves, when cycled, could subject the Residual Heat Removal System to a pressure in excess of its design pressure. These valves will be stroked at cold shutdowns and refueling outages.

Note 19- Stroking Valves 5392 and 5393 during operation and cold shutdown would interrupt instrument air to containment and be disruptive to air operated valves inside. These valves will be stroked at refueling outages.

Note 20- Valve 959 is normally closed and in the containment isolating position during normal operation. These valves will be stroked at cold shutdown and refueling outages.

Note 21- Valve 1786 is not required to function per FSAR Chapter 5 but valve receives a "T" Signal.

Note 22- Category A valves 5869, 5870, 5878 and 5879 are normally closed and in the containment isolating position during normal operation. Leak tightness of these valves is reverified following reclosure after each use in accordance with Section 4.4.2.4 of Technical Specifications. The valves shall be stroked at least each cold shutdown. In addition, if the valves are opened for purging, they shall be stroked at least once each quarter during which they have been opened.

2 Note 23- Valves 515 and 516 stroked quarterly except if already closed or during cold and refueling shutdowns.

PVT 5.0 Records

5.1 Records for the Inservice Pump Testing Program shall be developed and maintained in accordance with Article IWP-6000 of Section XI of the Code.

5.2 Records for the Inservice Valve Testing Program shall be developed and maintained in accordance with Article IWV-6000 of Section XI of the Code.