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ACCESSION NBR: 9306030113 DOC. DATE: 93/05/17 NOTARIZED: NO DOCKET #
 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251
 AUTH. NAME AUTHOR AFFILIATION
 PLUNKETT, T.F. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
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SUBJECT: Documents FPL decision to invoke Code Case N-416,
 "Alternative Rules for Hydrostatic Testing of Repair or
 Replacement of Class 2 Piping." Forwards figures 1-6.

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MAY 17 1993

L-93-139
10 CFR 50.55a

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Gentlemen:

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Inservice Inspection Program

This letter documents Florida Power and Light Co.'s (FPL) decision to invoke Code Case N-416, "Alternative Rules for Hydrostatic Testing of Repair or Replacement of Class 2 Piping," as discussed in Regulatory Guide (RG) 1.147 for the Class 2 component steam generators up to the first isolation valve. Attached Figures 1 through 6 define the steam generators' boundary for applicability of Code Case N-416 for Turkey Point Units 3 and 4. There will be no deviations from the requirements of Code Case N-416.

By FPL letter L-93-60, dated March 10, 1993, FPL informed the NRC that the Turkey Point Units 3 and 4 Inservice Inspection Program invokes Code Case N-498, "Alternative Rules for 10 Year Hydrostatic Pressure Testing for Class 1 and 2 Systems, Section XI, Division 1," as discussed in RG 1.147. Code Case N-498 requires a hydrostatic pressure test after replacement and repairs for Class 1 and 2 systems.

Ultrasonic inspections were conducted on the Turkey Point Unit 4 steam generators' feedwater nozzle to reducer weld joints. The inspections identified cracks originating in the weld root and propagating into the reducer base material for all three steam generators. FPL is currently replacing the Turkey Point Unit 4 feedwater reducers on all three steam generators.

Code Case N-416 allows deferral of the required hydrostatic pressure test for repairs or replacements to the next regularly scheduled ten-year hydrostatic test. The ten-year hydrostatic pressure test for the Turkey Point Unit 3 steam generators was completed on September 24, 1992. The ten-year hydrostatic pressure test for the Turkey Point Unit 4 steam generators was completed on April 18, 1993. The next scheduled ten-year hydrostatic pressure test will be performed at the end of the third inspection interval for each unit. The end of the third inspection interval for Turkey Point Unit 3 is February 21, 2004. The end of the third inspection interval for Turkey Point Unit 4 is April 15, 2004.

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In accordance with Code Case N-416, both a post-repair visual leak test at operating pressure will be performed, and a full volumetric examination, consisting of one hundred percent radiographic testing and ultrasonic testing, will be performed for the reducer replacement.

Should there be any questions concerning the above information, please contact us.

Very truly yours,



T. F. Plunkett
Vice President
Turkey Point Nuclear

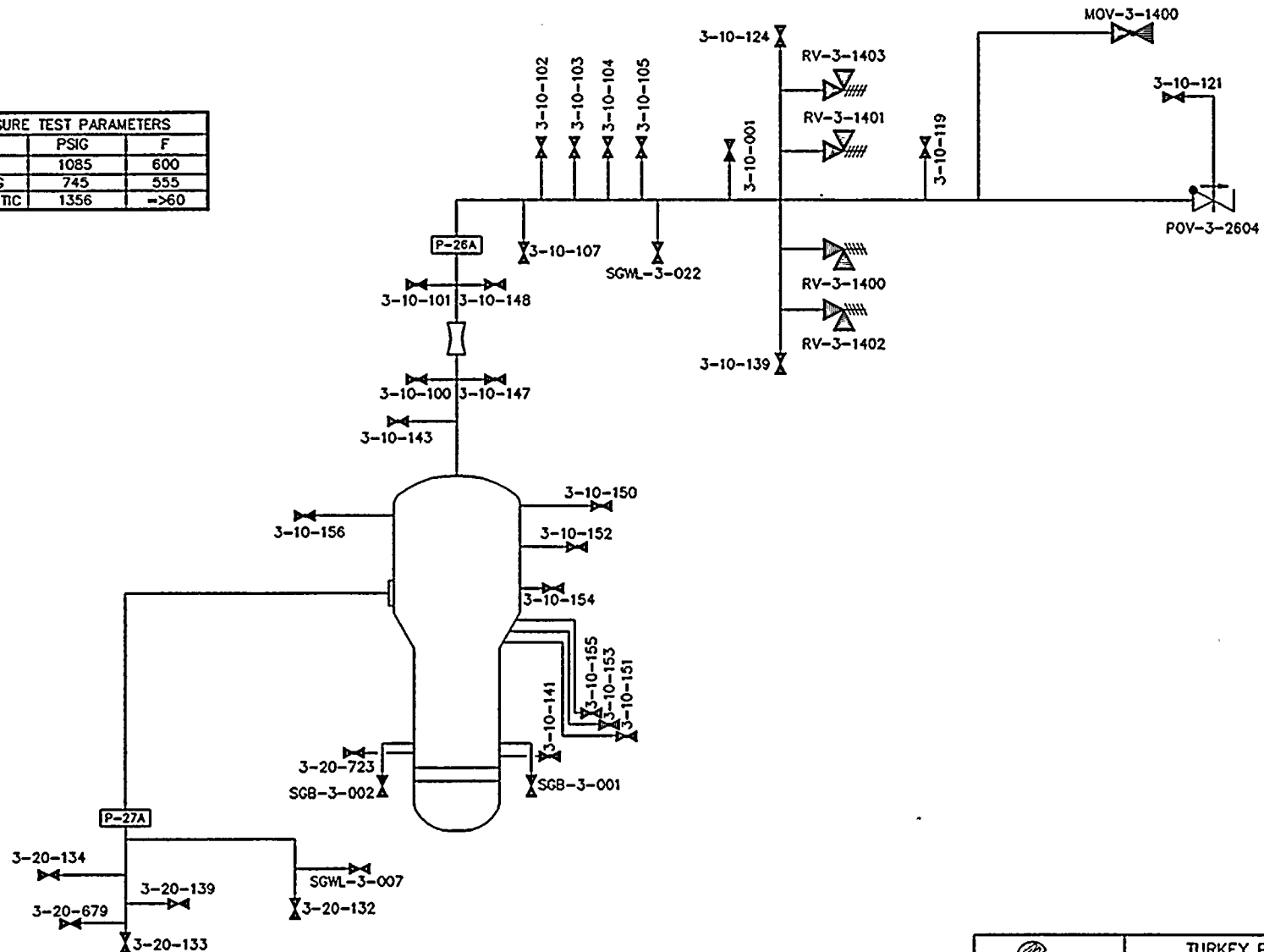
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attachment

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC
R. C. Butcher, Senior Resident Inspector, USNRC, Turkey Point
Plant

FIGURE 1

PRESSURE TEST PARAMETERS		
	PSIG	F
DESIGN	1085	600
OPERATING	745	555
HYDROSTATIC	1356	=>60




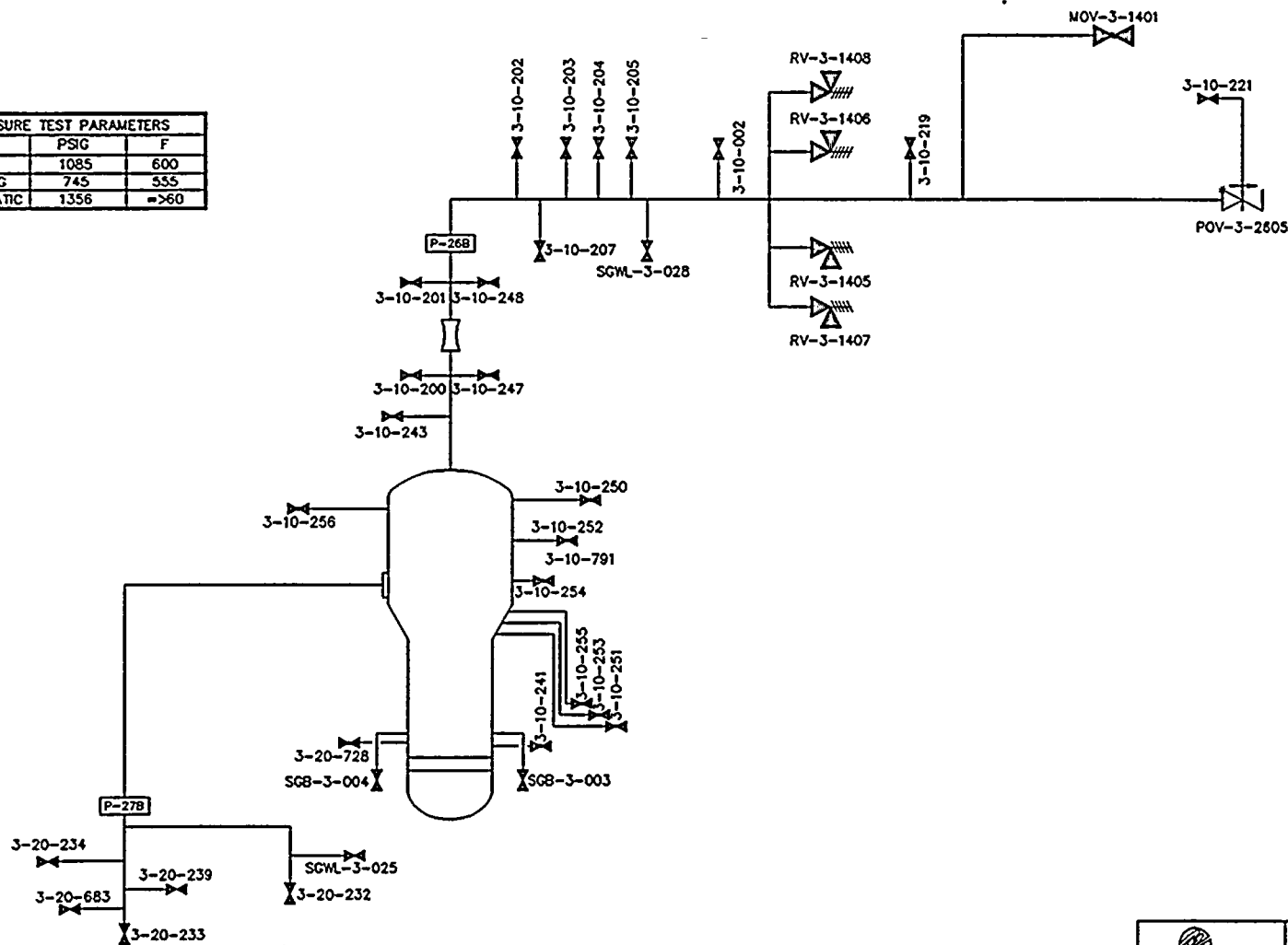
 FPL		TURKEY POINT UNIT 3 PRESSURE TEST PROGRAM	
TITLE: HYDROSTATIC TEST OF 3 "A" STEAM GENERATOR			
DATE: 09/16/91		TEST #: 03-SG-7104-H	
REVISION 1	DRAWN BY: ISI GROUP	DRAWING NUMBER: 7104	

FIGURE 2

PRESSURE TEST PARAMETERS		
	PSIG	F
DESIGN	1085	600
OPERATING	745	555
HYDROSTATIC	1356	=>60




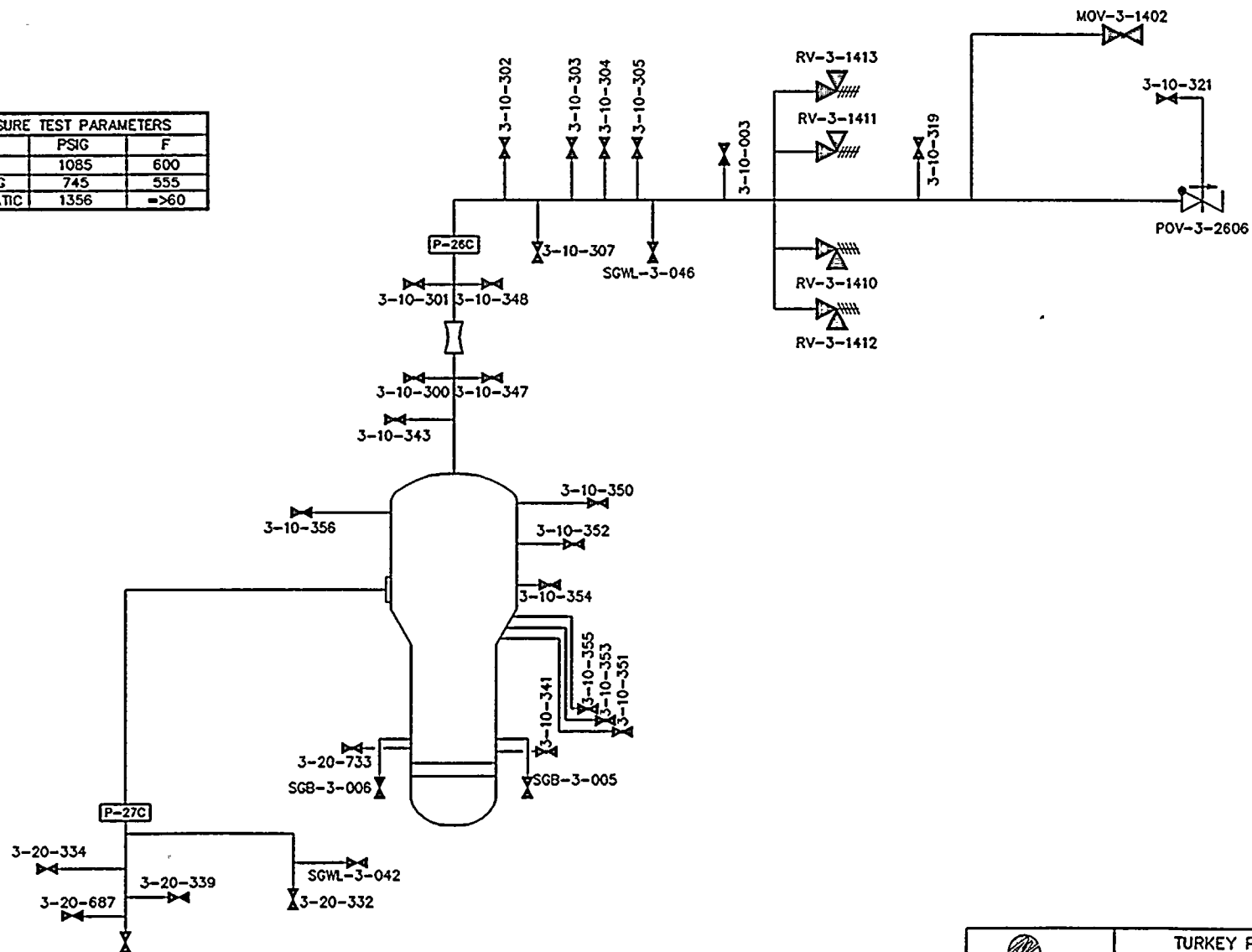
		TURKEY POINT UNIT 3 PRESSURE TEST PROGRAM	
TITLE: HYDROSTATIC TEST OF 3 "B" STEAM GENERATOR			
DATE: 07/23/92		TEST #: 03-SG-7105-H	
REVISION 1	DRAWN BY: ISI GROUP	DRAWING NUMBER: 7105	

FIGURE 3

PRESSURE TEST PARAMETERS		
	PSIG	F
DESIGN	1085	600
OPERATING	745	555
HYDROSTATIC	1356	=>60




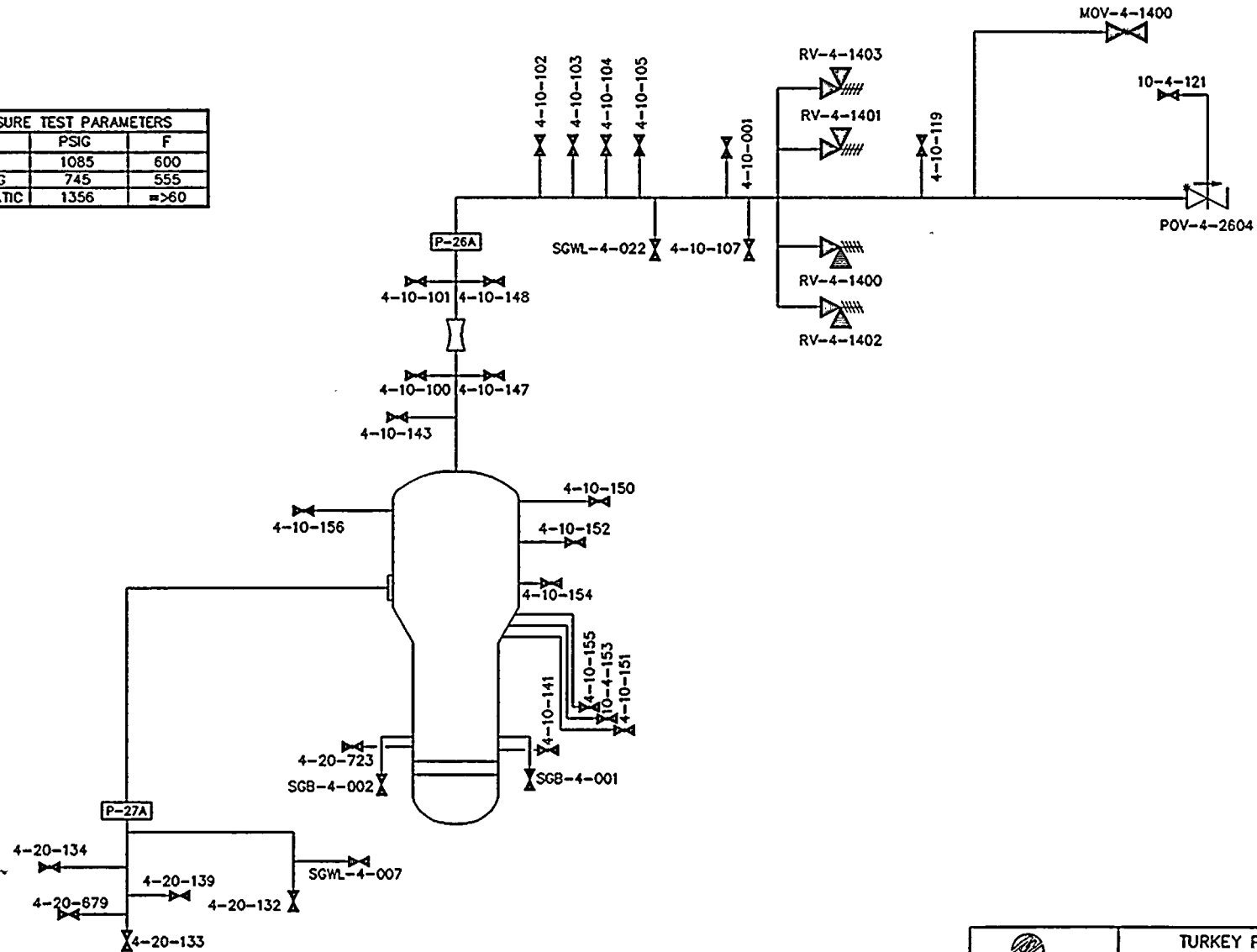
 TURKEY POINT UNIT 3 PRESSURE TEST PROGRAM		
TITLE: HYDROSTATIC TEST OF 3 "C" STEAM GENERATOR		
DATE: 09/16/91 TEST #: 03-SG-7106-H		
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FIGURE 4

PRESSURE TEST PARAMETERS		
	PSIG	F
DESIGN	1085	600
OPERATING	745	555
HYDROSTATIC	1356	=>60




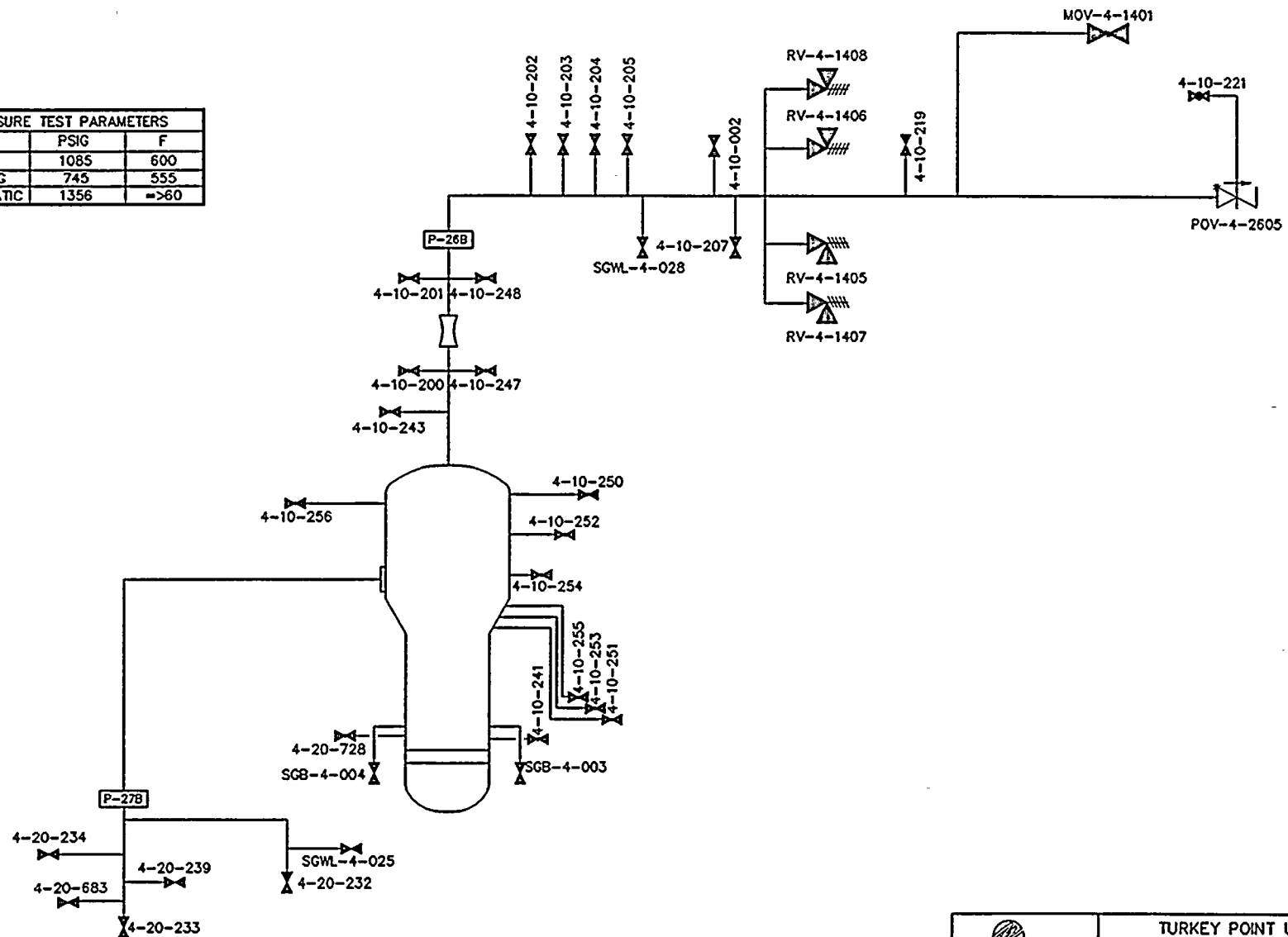
		TURKEY POINT UNIT 4 PRESSURE TEST PROGRAM	
TITLE: HYDROSTATIC TEST OF 4 "A" STEAM GENERATOR			
DATE: 09/16/91		TEST #: 04-SG-7110-H	
REVISION 1	DRAWN BY: ISI GROUP	DRAWING NUMBER: 7110	

FIGURE 5

PRESSURE TEST PARAMETERS		
	PSIG	F
DESIGN	1085	600
OPERATING	745	555
HYDROSTATIC	1356	=>60




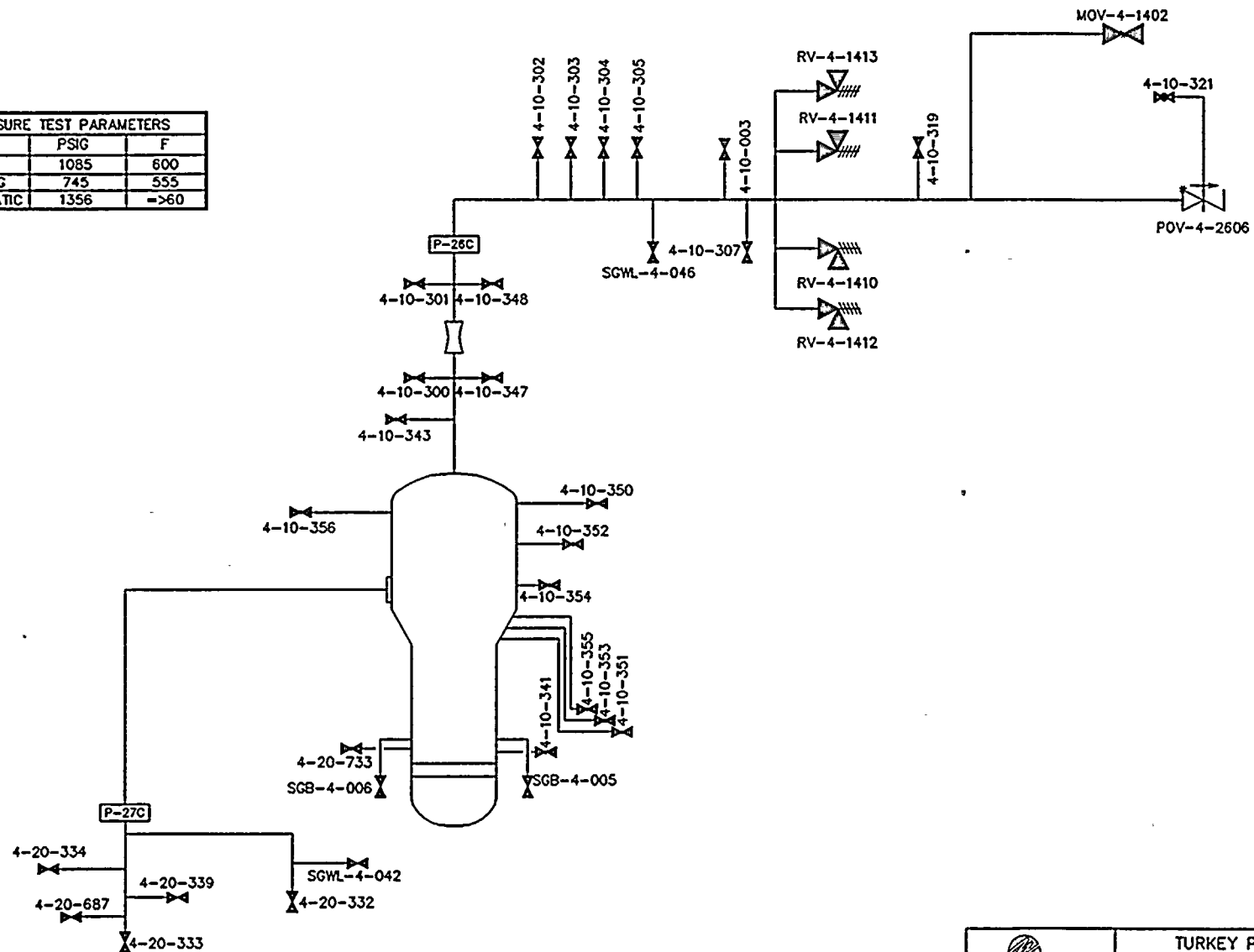

 TURKEY POINT UNIT 4 PRESSURE TEST PROGRAM		
TITLE: HYDROSTATIC TEST OF 4 "B" STEAM GENERATOR		
DATE: 09/16/91 TEST #: 04-SG-7111-H		
REVISION 1	DRAWN BY: ISI GROUP	DRAWING NUMBER: 7111

FIGURE 6

PRESSURE TEST PARAMETERS		
	PSIG	F
DESIGN	1085	600
OPERATING	745	555
HYDROSTATIC	1356	=>60



		TURKEY POINT UNIT 4 PRESSURE TEST PROGRAM	
TITLE: HYDROSTATIC TEST OF 4 "C" STEAM GENERATOR			
DATE: 09/16/91		TEST #: 04-SG-7112-H	
REVISION 1	DRAWN BY: ISI GROUP	DRAWING NUMBER: 7112	

