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12-27-88

NUCLEAR OPERATIONS

Unit ____1___

Georgia Power

23985-1
Revision No.

1
Page No.

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RCS TEMPORARY
WATER LEVEL SYSTEM

FOR INFORMATION ONLY

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1.0	PURPOSE
2.0	PRECAUTIONS AND LIMITATIONS
3.0	PREREQUISITES OR INITIAL CONDITIONS
4.0	MAIN BODY
4.1	WATER LEVEL SYSTEM INSTALLATION
4.2	CHANNEL CALIBRATION
4.2.1	Test Set-Up
4.2.2	Channel Status Check (As Found)
4.2.3	Loop Power Supply (NLP 1) Card Calibration (1LQY-950)
4.2.4	Signal Comparator (NAL 2) Card Calibration (1LB-950A/B)
4.2.5	Indicator Calibration (1LI-950)
4,2.6	Loop Power Supply (NLP 1) Card Calibration (1LQY-957)
4.2.7	Indicator Calibration (1LI-957)
4.2.8	Channel Status Check (As Left)
4.3	SENSOR VERIFICATION/CALIBRATION (Narrow Range)
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4.6	RESTORE TO SERVICE
5.0	ACCEPTANCE CRITERIA
6.0	REFERENCES

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VEGP

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3.2.3	Indicator 1LI-950.	[]
3.2.4	Indicator 1LI-957.	[]
3.2.5	Loops 1P-960 and 1P-967 (Common Reference Leg)	[]
3.2.6	PSMS RVLIS Indications, Train A and Train 5	[]
3.2.7	Recorder 1LR-1310	[]
3.2.8	Indicator 1PI-408	[]
3.2.9	Indicator 1PI-418	[]
3.2.10	Indicator 1PI-428	[]
3.2.11	Indicator 1PI-438	[]
3.2.12	Indicator 1PI-405	[]
3.2.13	Indicator 1PI-405A	[]
3.2.14	Computer Point P0408 (Proteus)	[]
3.2.15	Computer Point P0418 (Proteus)	[]
3.2.16	Computer Point P0428 (Proteus)	[]
3.2.17	Computer Point P0438 (Proteus)	[]
3.2.18	Computer Point P5408 (ERF)	[]
3.2.19	Computer Point P5418 (ERF)	[]
3.2.20	Computer Point P5428 (ERF)	[]
3.2.21	Computer Point P5438 (ERF)	[]
3.2.22	Recorder 1PR-428	[]
3.2.23	PSMS Indications for RCS Wide Range Pressure	[]
3.2.24	RJR Valve Interlocks for valves 1HV-8701A, 1HV-87011 1HV-8702A and 1HV-8702B	
3.3	TEST EQUIPMENT REQUIRED	
3.3.1	Two (2) Roman X85 Calibrator, or equivalent.	[]
3.3.2	Four (4) Fluke Model 8050A Digital Multimeters (DMM or equivalent.),

NOTE

Tubing to be installed with continuous slope, routed away from or protected in traffic areas and positively identified along route.

Priestaduris, 110.		REVISION		(PAUL NO.	
VEGP	23985-1		1	7 of 3	5
4.1.3	Pressurizer	ansmitters (W	ide and Nar tter lLT-45	9 low pressure	of []
4.1.4	Connect a 0- poly flow tu	30 psia press bing at 1LT-4	ure test ga	uge inline with	[]
4.1.5	If required, Narrow Range	close tempor) input test	ary transmi ports.	tters (Wide and	[]
4,1,6	If required, Narrow Range	close tempor	ary transmi w pressure	tters (Wide and isolation valves	s.[]
4.1.7		ry transmitte		d Narrow Range)	[]
4.1.8	Slowly open	1LT-459 low p	ressure :	it test port.	[]
4.1.9		temporary tra			[]
		WARNIN	G		
	DU CO TH SH FL DI HE	Y TRAPPED FLU RING THIS PRO NTAMINATED. NTAINER, AS RI E HEALTH PHYS ALL BE USED TO UID. THE FLU SPOSED OF IN ALTH PHYSICS OCEDURES.	CEDURE MAY A SUITABLE ECOMMENDED ICS DEPARTM O ENTRAP TH ID SHOULD B ACCORDANCE	BY ENT, IS	
		NOTE			
	(n be	e temporary larrow and wid completely barrect operation	e range) she ackfilled f	ould	
4.1.10 */*	Using vent s transmitters	crews, vent a and poly tub	ll air and ing as requ	fill temporary ired.	[]
4.1.11	Close tempor valves.	ary transmitt	ers low pre	ssure isolation	[]
4.1.12	Request RO t	o close valve	1-1201-X4-	153	1.1

VEGP	23985-1	nt vialuly	1	8 of 3	5
4.1.13				gh pressure input er_to 1LX-1310 ve	
4.1.14	Request RO t	o open valv	e 1-1201-X4	-153.	(1
4.1.15	Slowly open pressure iso			transmitter high	-11
4.1.16				d fill narrow ran ing as required.	ge []
4.1.17	Close narrow valve.	range tempe	orary trans	mitter equalizing	[]
4.1.18	Slowly open pressure iso			transmitter low	[]
4.1.19	Request RO t	o close val	ve 1-1201-X	4-155.	[]
4.1.20	Using poly f temporary (W port.	low tubing, ide Range)	connect hi transmitter	gh pressure input to 1LX-1320 vent	01
4.1.21	kequest RO t	o open valve	e 1-1201-X4	-1.55.	[]
4.1.22	Slowly open pressure iso	wide range t lation valve	temporary t	ramsmitter high	[]
4.1.23	Using vent s temporary tr	crews, vent ansmitter an	all air an nd poly tub	d fill wide range ing as required.	[]
4.1.24	Close wide r	ange tempora	ary transmi	tter equalizing	[]
4.1.25	Slowly open pressure iso	wide range (lation valve	temporary t	ransmitter low	()
4.1.26 */*	Loosen NLP 1 and remove c	card, 1LQY-	-950 (QPC1-	0321) locking scr	ews
4.1.27 */*	Loosen NLP 1 and remove c	card, 1LQY	-957 (QPC4-	0325) locking scr	ews
4.1.28 */*	At 1LT-950, (black +) and	disconnect (d I2 (white	transmitter	output leads I1	11
4.1.29	Connect tempeleads to Il	orary (Narro (black +) ar	ow Range) t nd I2 (whit	ransmitter output e -).	(1
4.1.30 */*	At 1LT-957, (black +) and	disconnect t d I2 (white	ransmitter	output leads II	[]

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VEGP

4.2.4.4	If As Found readings are within limits specified on "Data Sheet 3", and more accurate readings are not desired, record readings in "As Left" section of "Data Sheet 3" and proceed to appropriate subsection.
4.2.4.5	If As Found readings are not within limits specified on "Data Sheet 3", or more accurate readings are desired, proceed to Procedure 23300-C, "Field Calibration Procedure".
4.2.4.6	Adjust transmitter simulator to point at which comparator #2 is reset (Output LED ON). []
4.2.4.7	DECREASE transmitter simulator to point at which comparator #2 trips (Output LED OFF) and record reading in "As Left" section of "Data Sheet 3". []
4.2.4.8	INCREASE transmitter simulator to point at which comparator #2 risets (Output LED ON) and record reading in "As Left" section of "Data Sheet 3".
4.2.5	Indicator Calibiation (1LI-950) Location: QMCB
4.2.5.1	Adjust transmitter simulator (QPC1) to indications listed and record input DMM readings in "As Found" section of "Data Sheet 4".
4.2.5.2 */*	If As Found readings are within limits specified on "Data Sheet 4", and more accurate readings are not desired, record readings in "As Left" section of "Data Sheet 4" and proceed to appropriate subsection. []
4.2.5.3	If As Found readings are not within limits specified on "Data Sheet 4", or more accurate readings are desired, proceed to Procedure 23300-C, "Field Calibration Procedure".
4.2.5.4	Adjust transmitter simulator to indications listed and record input DMM readings in "As Left" section of "Data Sheet 4".
4.2.6	Loop Power Supply (NLP 1) Card Calibration (1LQY-957) Location: Cabinet QPC4, slot 0325
4.2.6.1	Connect a DMM to "Output 0-10V" and "Sig Com" of 1LQY-957.
4.2.6.2	Adjust transmitter simulator (QPC4) to apply inputs listed and record output readings in "As Found" section of "Data Sheet 5".

Repeat steps 4.2.2.1 through 4.2.2.5 to obtain As Left

Disconnect test equipment connected to cabinet QPC1,

Connect field lead in series with 250 ohm test resistor

Connect field lead to cabinet QPC1, TBA, terminal

SENSOR VERIFICATION/CALIBRATION (Narrow Range)

Location: Containment Bldg., 14AB/14.5

Sheet 6".

values.

10.

to terminal 11.

Channel Status Check (As Left)

TBA, terminals 10 and 11.

4.2.8

4.3

4.3.1

4.3.2

4.3.3

4.2.8.1

VEGP	23+89-1		13 of 35	
4.3.4	Connect a DM	M across the 250 ohm tes	at resistor. []	
4.3.5		ary transmitter high pre		
4.3.6	Open tempora	ry transmitter equalizir		
4.3.7	Close tempora	ary transmitter low pres	sure isolation	
		WARNING		
	ISC SEI SU: BY SHA THI ACC	Y TRAPPED FLUID VENTED IN CLATION FROM OR RESTORING RVICE MAY BE CONTAMINATE ITABLE CONTAINER, AS RECORDED BE USED TO ENTRAP THE HEALTH PHOULD BE DISPOSED CORDANCE WITH HEALTH PHY PARTMENT PROCEDURES.	IG TO DD. A COMMENDED ARTMENT, HIS FLUID. GED OF IN	
4.3.8	Open temporar	ry transmitter input tes	t ports. []	
4.3.9		riable pressure source a low pressure input test		
4.3.10 */*		listed and record trans		
4.3.11 */*	desired, reco	readings are within limi 7" and more accurate res ord readings in "As Left proceed to step 4.3.16.	dings are not " section of "Data	
4.3.12	"Data Sheet apply zero pe	readings are not within 7", or more accurate rea ercent input and adjust o obtain Expected output 7".	dings are desired, transmitter "Zero"	
4.3.13	Apply 100 per adjustment to "Data Sheet	rcent input and adjust to obtain Expected output 7".	ransmitter "Span" value listed on	
4.3.14	Repeat transmo further ac	mitter "Zero" and "Span" djustments are necessary	adjustments until	
4.3.15 */*	Apply inputs readings in	listed and record trans "As Left" section of "Da	mitter output ta Sheet 7". []	

VEGP	23985-1 1 14 of 3	5
4.3.16	Reduce test pressure to zero "H ₂ O and remove	
/	pressure source and test gauge from transmitter.	[]
4.3.17 */*	Close transmitter input test ports.	[]
4.3.18	Open transmitter equalizing valve.	11
4.3.19 */*	Slowly open transmitter low pressure isolation valve	.[]
4.3.20	Close transmitter equalizing valve.	[]
	NOTE	
	Air must be vented from all transmitters used in liquid service.	
4.3.21	Slowly open transmitter high pressure isolation valve.	[]
4.3.22 */*	Inspect valves, tubing, and instrument for leaks. Immediate action shall be taken to correct any leaks found.	[]
4.4	SENSOR VERIFICATION/CALIBRATION (Wide Range) Location: Containment Bldg., 14DB/17.5	
4.4.1	Disconnect test equipment connected to cabinet QPC4, TBA, terminals 16 and 17.	[]
4.4.2	Connect field lead to cabinet QPC4, TBA, terminal 16	.11
4,4,3	Connect field lead in series with 250 ohm test resisto terminal 17.	tor []
4.4.4	Connect a DMM across the 250 shm test resistor.	[]
4.4.5	Close temporary transmitter high pressure isolation valve.	[]
4,4,6	Open temporary transmitter equalizing valve.	[]
4.4.7	Close temporary transmitter low pressure isolation valve.	()

WARNING

ANY TRAPPED FLUID VENTED DURING ISOLATION FROM OR RESTORING TO SERVICE MAY BE CONTAMINATED. A SUITABLE CONTAINER, AS RECOMMENDED BY THE HEALTH PHYSICS DEPARTMENT, SKALL BE USED TO ENTRAP THIS FLUID. THE FLUID SHOULD BE DISPOSED OF IN ACCORDANCE WITH HEALTH PHYSICS DEPARTMENT PROCEDURES.

4.4.8	Open temporary transmitter input test ports.	. 1
4.4.9	Connect a variable pressure source and test gauge to transmitter low pressure input test port.	[]
4.4.10	Apply inputs listed and record transmitter output readings in "As Found" section of "Data Sheet 8".	[]
4.4.11	If As Found readings are within limits specified on "Data Sheet 8" and more accurate readings are not desired, record readings in "As Left" section of "Data Sheet 8" and proceed to step 4.4.16.	n []
4.4.12	If As Found readings are not within limits specified of "Data Sheet 8", or more accurate readings are desired apply zero percent input and adjust transmitter "Zero adjustment to obtain Expected output value listed on "Data Sheet 8".	
4.4.13	Apply 100 percent inout and adjust transmitter "Span" adjustment to obtain Expected output value listed on "Data Sheet 8".	[]
4.4.14	Repeat transmitter "Zero" and "Span" adjustments unti- no further adjustments are necessary.	1
4.4.15	Apply inputs listed and record transmitter output readings in "As Left" section of "Data Sheet 8".	[]
4.4.16	Reduce test pressure to zero "H ₂ O and remove pressure source and test gauge from transmitter.	[]
4.4.17 */*	Close transmitter input test ports.	[]
4.4.18 */*	Open transmitter equalizing valve.	[]

1 1	VEGP	23985-1 1 16 of 35	145
	4.4.19 */*	Slowly open transmitter low pressure isolation valve.[1
	4.4.20	Close transmitter equalizing valve.	1
		NOTE	
		Air must be vented from all transmitters used in liquid service.	
	4.4.21	Slowly open transmitter high pressure isolation valve.	1
	4.4.22 */*	Inspect valves, tubing, and instrument for leaks. Immediate action shall be taken to correct any leaks found.	1
	4.5	WATER LEVEL SYSTEM REMOVAL	
	4.5.1 */*	Loosen NLP 1 card, 1LQY-950 (QPC1-0321) locking screws and remove card from rack.	1
	4.5.2	Loosen NLP 1 card, 1LQY-957 (Q1'C4-0325) locking screws and remove card from rack.	1
	4.5.3	Request RO to close valve 1-1201-X4-153.	1
	4.5.4	Request RO to close valve 1-1201-X4-155.	1
	4.5.5	Open temporary (Wide and Narrow Range) transmitters equalizing valve.	1
	4.5.6	Close Pressurizer level transmitter 1LT-459 low pressure input test port.	1
		WARNING	
		ANY TRAPPED FLUID DRAINED AT THIS TIME MAY BE CONTAMINATED. A SUITABLE CONTAINER, AS RECOMMENDED BY THE HEALTH PHYSICS DEPARTMENT, SHALL BE USED TO ENTRAP THIS FLUID. THE FLUID SHOULD BE DISPOSED OF IN ACCORDANCE WITH HEALTH PHYSICS DEPARTMENT PROCEDURES.	
	4.5.7	Vent and drain all liquid from poly flow tubing and temporary (Wide and Narrow Range) transmitters as required. (1

If not already performed, connect field leads to

[]

cabinet QPC1, TBA, terminals 10 and 11.

/

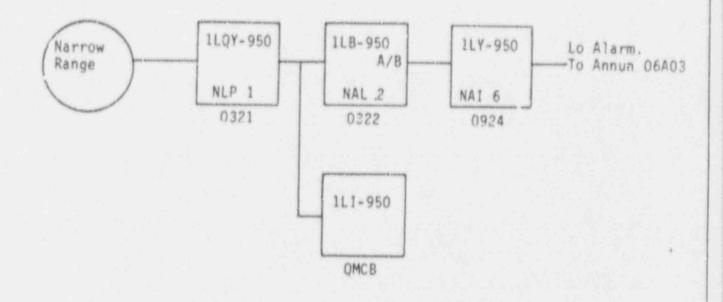
4.6.2

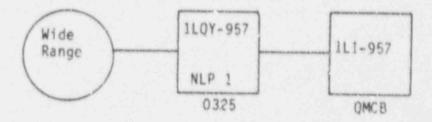
/

of this procedure.

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	4.6.3	If not already performed, connect field leads to cabinet QPC4, TBA, terminals 16 and 17.
	4.6.4	If not already performed, install any cards removed during performance of Procedure 23300-C, "Field Calibration Procedure" in rack and secure with locking screws.
	4.6.5	Verify loops reflect current plant conditions after they are restored to service.
	4.6.6	Notify RO that temporary Loops 1L-950 and 1L-957 have been returned to service.
	4.6.7 */*	Notify Shift Supervisor, or designee, of completion of work including test results and obtain signature on "Completion Sheet".
	5.0	ACCEPTANCE CRITERIA
	5.1	The Acceptance Criteria for this procedure is that all devices listed below are within limits specified on applicable Data Sheets.
	5.1.1	Channel Calibration
		a. Indicator 1LI-950
		b. NAL Card 1LB-950A/B
		c. NLP Card 1LQY-950
		d. NLP Card 1LQY-957
		e. Indicator 1LI-957
	5.1.2	Sensor Verification/Calibration
		a. Narrow Range
		b. Wide Range
	5.2	Satisfactory completion of this procedure has been met when I&C Foreman has evaluated data obtained per Acceptance Criteria of this procedure, reviewed, and signed Data Sheets provided.
	6.0	REFERENCES
	6.1	Instruction Manual for Process Instrumentation and Control, 1X6AU01-526.

END OF PROCEDURE TEXT





LOOP DESCRIPTION:

Temporary (Narrow Range) transmitter senses Reactor Coolant System level and sends this signal to Loop 1L-950 in cabinet QPC1 where it is converted for use as an input to indicator 1LI-950 and Annunciator 06A03 "ACCUM TANK 1 HI/LO LEVEL" for temporary (Low Level) alarm indication. Temporary (Wide Range) transmitter senses Reactor Coolant System level and sends this signal to Loop 1L-957 in cabinet QPC4 where it is converted for use as a. input to indicator 1LI-557.

Figure 1

ADMG/

Procedure No. NOTES: Wide Range input Loop No. INDICATION DEVICE Title 100.0 24.0 50.0 24.0 76.0 76.0 50.0 p-2 0.0 0.0 VEWY RCS SIINI Temporary Water Level System EXPECTED INST. NO. 1LI-957 3,000 4.040 5.000 3.000 1.960 1.960 1.000 4.040 1.000 1L-957 23985-1 TO LIMIT 4.940 1.900 1.900 3.980 3.980 0.940 2.940 2.940 0.940 V DC HI LIMIT 4.100 2.020 2.020 4.100 5.060 1.060 Revision 3.060 1.060 3.060 AS FOUND Cabinet No. QPC4 DATA SHEET AS LEFT COMMENTS: Page No. 22 of 35 SHEET 2 OF 3

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very very very very very very very very	Revision	Revision 1				23 of 35
		DATA S	HEET 1			SHEET 3 OF 3
Inst. No. 1L-950		Cabinet	No. QPC1			
Title RCS Temporary Water	Level Syst	tem				
NOTES: Narrow Range input						
ACTION	UNITS	EXPECTED	LO LIMIT	HI LIMIT	AS FOUND	AS LEFT
Annun. 06A03 ILLUMINATED	V DC	3.400	3.370	3.430		
Annun. 06A03 EXTINGUISHED	V DC	3.440	3.410	3.470		
TEST EQUIPMENT			COMMENTS:			
I.D. NO. MODEL NO. CAL	IBRATION D	UE DATE				
			PERFORMED BY	Y:	D	ATE
			REVIEWED BY		D	ATE
			APPROVED BY		D	ATE

Procedure No		23985-1		Revision		1	Page No.	24 of 35
Instr. No. 1LQY-950				Locati		HEET 2 1-0321	Serial No	SHEET 1 OF 1
Descri	ption N	LP 1 Card		Manufa	cturer W	estingho	use Model No. 28	837A12G01
NOTES:	N/A							
	INPUT	EXPECTED	LO LIMIT	HI LIMIT	AS FOUND	AS LEFT	COMMENTS:	
Z	V DC	V DC	V DC	V DC	V DC	V DC		
. 0	1.000	0.000	-0.050	0.050				
25	2.000	2.500	2.450	2.550				
50	3.000	5.000	4.950	5.050				
75	4.000	7.500	7.450	7.550				
100	5.000	10.000	9.950	10.050				
75	4.000	7.500	7.450	7.550				
50	3.000	5.000	4.950	5.050				
25	2,000	2.500	2.450	2.550				
0	1.000	0.000	-0.050	0.050				
I.D. N		ST EQUIPME MODEL NO.	ENT	LIBRATION	DUE DATE			
							PERFORMED BY:	DATE
							REVIEWED BY:	DATE
							APPROVED BY:	DATE

Procedure No. VEGP 23985-1	Revision		1	Page No		25 of 35	
		DATA SI	HEET 3			SHEET 1 OF 1	
Inst. No. <u>1LB-950A/B</u>	Local	Location QPC1-0322		Serial 1	No.		
Description NAL 2 Card	Manu	acturer _W	estinghouse	Model No	2837A1	3G02	
NOTES: Expected Jumpers: (Circuit #1 not used			оор				
ACTION	UNITS	EXPECTED	LO LIMIT	HI LIMIT	AS FOUND	AS LEFT	
Sutput 2 LED OFF	V DC	3.400	3.370	3.430			
Output 2 LED ON	V DC	3.440	3.410	3.470			
TEST EQUIPMENT							
I.D. NO. MODEL NO. CAL	IBRATION D	JE DATE					
			PERFORMED B	Y:	D.	ATE	
			REVIEWED BY:		D.	DATE	

APPROVED BY:

DATE

Page No. Procedure No. Revision 27 of 35 VEGP 23985-1 SHEET 1 OF 1 DATA SHEET 5 Location QPC4-0325 Serial No. Enstr. No. 1LQY-957 Manufacturer Westinghouse Model No. 2837A12G01 Description NLP 1 Card NOTES: N/A EXPECTED LO LIMIT HI LIMIT AS FOUND AS LEFT COMMENTS. INPUT V DC V DC V DC V DC V DC 7 V DC 0.050 1.000 0.000 -0.050 0 2.550 2.500 2.450 25 2.000 4.950 5.050 5.000 50 3.000 7.450 7.550 4.000 7.500 75 10.000 9.950 10.050 100 5.000 7,450 4.000 7.500 7.550 75 4.950 | 5.050 3.000 5.000 50 2.450 | 2.550 25 2.000 2.500 1.000 0.000 -0.050 0.050 TEST EQUIPMENT ICALIBRATION DUE DATE MODEL NO. I.D. NO. PERFORMED BY: DATE REVIEWED BY: APPROVED BY: DATE

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Sheet 1 of 1

CALCULATION SHEET

Show all calculations performed during course of this procedure in the space below.

Completed by:

Reviewed by:

Approved by:

Date

Date

fulfillerence Merce	the collection was the sealing transmit	A STREET PROPERTY OF STREET		grande and the second s	SET AND REST ROOM OF SERVICE
13	Comment of the second	Service of the service of the	sor Aut	for one way of the car de-	- M
1.3	2011 1 1 1	25 1 1 1 2 1 4 2 2 3 2 3	L SO COLT. AND LATE	DOTIZAT	3 63 53
3 mm (m)	Territoria del del del del	the total gar that the "To it	EL SUP SUC BY BY THE SUP	B. S. Not. Mo. House State State State	and the first of the

Signature

Date

3.2 Reactor Operator (RO) Notified

		Sign		ate
18		rificatio		
Step/Su	bstep Initia	al Step/S	ubstep	Initia
3.6	Prerequisites met	4.1.35	Jumper installed QAR5, TB5/9, term 01 to 03	
4.1.10	from system	4.1.36	Jumper installed QAR4, TB4/L	
4.1.16	Air vented		term 28 to 29	MML ACCIDENT TO A STATE OF
4.1.23		4.3.16	Remove test equipment	
4.1.26	1LQY-950 (QPC1-0321) removed from rack	4.3.17		-
4.1.27	1LQY-957 (QPC4-0325)	4.3.18	Equalizing valve open	**************************************
	removed from rack	4.3.19	Low pressure iso valve open	****
4.1.28	1LT-950 leads disconnected (+)	4.3.20	Equalizing valve closed	*-ibretonia-nic
4.1.30	1LT-957 leads disconnected (+)	4.3.21	High pressure iso valve open	
4.1.32	1LQY-950 (QPC1-0321)	4.3.22	Leak check ok	Prof. Specialists
	installed and secure	4.4.16	Remove test equipment	THE RESIDENCE AND ADDRESS OF THE PARTY OF TH
4.1.33	1LQY-957 (QPC4-0325) installed and secure	4.4.17	Input ports closed	Marie County Committee
4.1.34	Jumper installed QAR3, TB3/L, term 24 to 26	4.4.18	Equalizing valve open	***************************************

Step/Substep	CHECKLIST Initial Step/Subste	SHEET 2 OF 3
4.4.19 Low pressure iso valve open	4.5.14	Vent plugs installed 1LX-1310
4.4.20 Equalizing valve closed		1LX-1320
4.4.21 High pressure iso valve open	4.5.15	1-1201-X4-153 open
4.4.22 Leak check ok	4.5.16	1-1201-X4-155 open
4.5.1 1LQY-950 (QPC1-0321) removed from rack	4.5.17	1LQY-950 (QPC1-0321) installed and secure
4.5.2 1LQY-957 (QPC4-0325) removed from rack	4.5.18	1LQY-957 (QPC4-0325) installed and secure
4.5.6 lLT-459 low pressure input test port closed	4.5.19	Jumper removed QAR3, TB3/L, term 24 to 26
4.5.8 Temporary transmitter lead disconnected (+)		Jumper removed QAR5, TB5/9 term 01 to 03
(-) 4.5.9 lLT-950 leads	4.5.21	Jumper removed QAR4, TB4/L term 28 to 29
connected black (+) white (-)	4.5.22	Procedure 24766-1
4.5.10 Temporary transmitter leads disconnected		performed
(+)		
4.5.11 1LT-957 leads connected black (+) white (-)		

Step/Subs	tep	CHECKLI: Initial	ST Step/Subs	SHEET 3	OF 3 Initial
4.6.1	Remove all test equipment		4.6.4	Cards installed	
4.6.2	Field leads connected QPC1, TBA, term 10 term 11		4.6.5	Loops reflect current plant conditions	
4.6.3	Field leads connected QPC4, TBA, term 16 term 17				
Performed	by:	1	Date:		
Reviewed	by:		Date		

Shect 1 of 1

COMPLETION SHEET

ME TEST STARTED	BY	DATE	
EFICIENCIES OCCURRED AND	ACTIONS TAKEN		
		uma Arte articulario quali con con conseguir se un artico esta con secundo o l	
		CONTRACTOR OF THE PROPERTY OF	
		Control of the second section of the second second	
	TORREST AND A CONTRACT OF THE PARTY OF THE P		
		and the second of the second o	MATERIAL PROPERTY AND ADDRESS OF THE PARTY O
The state of the s	A. W. A. M.		
EST RESULTS: ACCEPTABL	F [] UNACC	EPTABLE []	
		EFIRDLE []	
HANNEL RESTORED TO SERVIC			
HANNEL COMMITTED TO REPAI	R []		
EST COMPLETED BY	TIME	DATE	
HIFT SUPERVISOR NOTIFIED			
EVIEWED BY:		DATE	
PPROVED BY:		DATE	