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TECHNICAL BASES FOR GU1, GA1, GS1, & GG1 EALS

INCREASED RADIATION RELEASE TO THE ENVIRONMENT

Prepared: D.E. Larson September 12, 1994 Threshold values for Emergency Action Levels under Initiating Condition GU1 were established at two times the applicable ODCM limit. For gaseous effluents, the threshold takes into account the partitioning of total allowable release between the release points. The high alarm is used for the elevated release intermediate range monitor and the high-high alarm is used for the radwaste and turbine building low range monitors. Liquid effluent thresholds for SW and TSW are based on high alarms and take into account the 80% of allowable setting of the alarm. The FDR threshold is based on 100% of the high-high alarm.

Liquid effluent thresholds of 200 times the ODCM limits under Initiating Condition GA1 use the same bases as the unusual event EALs.

Gaseous effluent EALs for GA1, GS1, and GG1 are not based on alarm levels, but on emergency dose projection results using accident source term embedded in the QEDPS code. Threshold monitor readings were calculated by equating effluent monitor readings to Site Boundary doses through reiterative use of the QEDPS code.

For those cases where standby gas treatment was noted to be in service, one train was assumed to be operating with a design flow of 5380 CFM. This assumption is considered to be conservative for the following reasons. The assumed flow 5380 exceeds the Technical Specification required flow for a single train of 4457 \pm 10% CFM. PPM 4.12.4.6 directs the Control Room staff to secure one SGT train per PPM 2.3.5 if a single train will maintain -1.7" wg. PPM 2.3.5 notes that -1.7" wg is the vacuum indication required to assure -0.25" wg in all areas of the reactor building. Technical Specification 3.6.5.1 requires an 18 month surveillance with one train of SGT running for one hour maintaining -0.25" wg or better with flow less than 2240 CFM.

Where standby gas treatment is not applicable, the building design flow rate was used as follows: Reactor Building 86,000 cfm, Turbine Building 320,000 cfm, and Radwaste Building 84,000 cfm. In all cases wind speed was set at 5 mph with E stability class to represent annual average meteorological conditions per FD Quinn. Duration of release was set at one hour. QEDPS assumes no decay of source term prior to release.

Results were compared with values previously provided to the EAL upgrade project. The QEDPS monitor inputs were also entered into BEDPS under like conditions.

Calculations used in the previous submittal assumed two trains of Standby Gas Treatment in operation for the duration of the release. As noted above, only one train is expected to be in operation after the first few minutes of an event. A factor of two increase in the threshold is therefore expected in those cases where SGT is on.

Differences between QEDPS and BEDPS results for identical inputs can be summarized as follows:

For Radwaste and Turbine Building exhaust monitors, both low and extended range, BEDPS calculates a result approximately 4 times higher than QEDPS.

For the Reactor Building exhaust monitors, BEDPS calculates a dose nearly equal to QEDPS when Standby Gas Treatment is off.

When Standby Gas Treatment is operating, BEDPS calculates a TEDE 10 times QEDPS results and Thyroid CDE approximately 5 times QEDPS.

These differences are considered to be well within the acceptable tolerances of the emergency dose projection models.

CLASSIFICATION	MONITOR & READING	BASIS FOR THRESHOLD
NOUE	PRM-RE-1B 905,000 CPS	2 x ODCM = 5 x Hi ALARM = 5 x 181,000 CPS (Ref ISCR 1197)
NOUE	TEA-RIS-13 16,750 CPM	2 x ODCM = 5 x H-H ALARM = 5 x 3350 CPM (Ref ISCR 1086)
NOUE	WEA-RIS-14 120,000 CPM	2 x ODCM = 10 x H-H ALARM = 10 x 12,000 CPM (Ref ISCR 318)
NOUE	SW-RE-4 200 CPS	2 x ODCM = 2 x Hi ALARM = 2 x 80/0.8 (Ref ISCR 1085)
NOUE	SW-RE-5 200 CPS	2 x ODCM = 2 x Hi ALARM = 2 x 80/0.8 (Ref ISCR 995)
NOUE	FDR-RE-6 2 x Hi-Hi	$2 \times ODCM = 2 \times H-H ALARM (Ref ODCM 2.5)$
NOUE	TSW-RE-5 3900 CPM	$2 \times ODCM = 2 \times H-H ALARM/0.8 = 2 \times 1250/0.8 $ (Ref ISCR 1080)
ALERT	PRM-RE-1C 850 CPS	10 mr/hr TEDE or 50 mr/hr thyroid CDE (Ref QEDPS run 1 Attached)
ALERT	TEA-RIS-13 44,000 CPM	10 mr/hr TEDE or 50 mr/hr thyroid CDE (Ref QEDPS run 5 Attached)
ALERT	WEA-RIS-14 167,000 CPM	10 mr/hr TEDE or 50 mr/hr thyroid CDE (Ref QEDPS run 6 Attached)

CLASSIFICATION	MONITOR & READING	BASIS FOR THRESHOLD
ALERT	SW-RE-4 20,000 CPS	200 x ODCM = 200 x Hi ALARM/0.8 = 200 x 80/0.8 (Ref ISCR 1085)
ALERT	SW-RE-5 20,000 CPS	200 x ODCM = 200 x Hi ALARM/0.8 = 200 x 80/0.8 (Ref ISCR 995)
ALERT	FDR-RE-6 200 x Hi-Hi	200 x ODCM = 200 x H-H ALARM (Ref ODCM 2.5)
ALERT	TSW-RE-5 390,000 CPM	200 x ODCM = 200 x H-H ALARM/0.8 = 200 X 1250/0.8 (ISCR 1080)
SAE	PRM-RE-1C 6500 CPS	100 mr/hr TEDE or 500 mr/hr CDE SGTS on (Ref QEDPS run 7 Attached)
SAE	TEA-RE-13 440,000 CPM	100 mr/hr TEDE or 500 mr/hr CDE (Ref QEDPS run 8 Attached)
SAE	WEA-RE-14 1,670,000 CPM	100 mr/hr TEDE or 500 mr/hr CDE (Ref QEDPS run 9 Attached)
GE	PRM-RE-1C 65,000 CPS	1000 mr/hr TEDE or 5000 mr/hr CDE, SGTS on (Ref QEDPS run 2 Attached)
GE	TEA-RIS-13A 8 PMU	1000 mr/hr TEDE or 5000 mr/hr CDE (Ref QEDPS run 3 Attached)
GE	WEA-RIS-14A 26 PMU	1000 mr/hr TEDE or 5000 mr/hr CDE (Ref QEDPS run 4 Attached)

SUPPLIFAGINAL

INSTRUMENT SETPOINT CHANGE REQUEST

ISCR Number:

Page 1 of

	Quality Class: 1 2 2 2+ G MEL EPN: \(\frac{\frac
_	Tech. Spec. Section: 3/1 2, 7.11 fall 3.3,7.11-1
O R I	Tech. Spec. Limit: 30% of 137 les Mplas por Section 2 2 (Olm
G I	Affected Procedures / System Components: Ppul Cift 7,4,3,7,11.5
N A	Existing Setpoint / Range HV 01 1050 LD -2175 (Admin, Limit/Calib. Tol.) Hr Incy 1000 ULD -117 -13.2 %
T O R	Reason For Change: Radion of rie Republication (Possedie)
î u	New Saturday I Page 147 City 1075
	New Setpoint / Range HV Cy 1075 LLD - 2.75 (Admin. Limit/Calib. Tol.) HU I-NOV 1025 ULD - 14.0 Volts
APPROVALS	Plant Technical Control Sys. Eng.: M. Judmey Date: 7/31/9/ System Engineer: Date: 7-29-91 Plant Engineering Supervisor: Date: 7/31/9/ + HP Chem Manager / Operations: Date: 7/3/9/ ++Plant Oper. Committee (or PMR#): Date: 8/1/9/ + HP / Chemistry Manager required only on Rad Monit Setpoints / Operations required only for Administrative Limits and Calibration tolerances for instruments addressed in the Tech. Spec. ++ Required for Technical Specifications Quality Class I, Fire Protection or Security Changes if PMR has not been previously approved by POC. SEE NEXT PAGE FOR TEMPORARY SETPOINT CHANGE APPROVALS
	GER HERE THOS TON TENTONING BUTTONING MINOTING

INSTRUMENT SETPOINT CHANGE REQUEST

1080

4	TEMPORA	RY SETPO	INT CHANG	E APPR	OVALS		
	Shift Manager:		NA		Date:	NA	
P P	Plant Engineer:				Date:		
R O V	÷HP Chem Manager		-		Date:		
A L	Affected Procedure(s) Deviat	ed:	Procedure	No.	Date:		
S	+ HP / Chemistry Manag for Administrative Lim Spec Forward to 1	its and Calib	oration toleran	ces for ir	istruments add	tions requiressed in th	ed only e Tech.
	Control System Engineer:		pprovals Obt		Date: &	3/1/91	
	PROCEDURE REVISIONS / DEVIATIONS						
	PROCEDURE NUMBER	REV. No.	DEVIATIO	N No.	INITIAL	Date Co	mp.
, 1	NA						-
; 	.						
							!
I M P	9/20/91 Setpoint Change MWR No: AR 5210 Date: 7-29-9+						
L E M	Original Revised MDS to Pla				Date:	8/5/4	?/
E Y. T	Copy of	MDS & IS	CR Distribut	ed to			
A	DEPARTMENT			ETED E	SY	DATE	
T I	I & C MAINTENANC	E	OKA			9/5/91	
ИО	OPERATIONS		DLA			8/5/9,	
	HP / CHEMISTRY		DLA			8/5/91	
. 1	NUCLEAR LICENSE TRA	INING	DLA			8/5/91	
	PROCEDURES		OLA			8/5/91	

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SAFETY RELATED CFR50.59 REVIEW CONTROLLED COP Implementing Doc. No. 1080 Implementing Activity Description Radio legical Calibration of the turbine Service Water manitor, TSW-RIS-5 YES NO 1. Is a change to the WNP-2 Technical Specifications necessary to implement this activity? X (If response is yes, then the activity may not be fully implemented without prior NRC staff approval) 2. Does this implementing activity constitute a change to WNP-2 which could functionally X affect a safety related SSC as described in the LBD? 3. Does this implementing activity constitute a change to WNP-2 which could affect nuclear safety in a manner not previously evaluated? 4. Does this implementing activity change or affect the intent of a procedure or process from M the Intent of the commitments described, outlined, or summarized in the LBD? 5. Does this implementing activity represent a special test or experiment not previously 图: described in the LBD that might affect safe operation of the Plant? If there is a yes response to either question 2, 3, 4, or 5, then a Safety Evaluation must be completed If the responses to questions 2 through 5 are all NO, a written justification is required. the screen by have with the performance of the radiological calibration, these monitor will nontinue to provide alarms at the existing Spec limits in accordance with the referenced LRD's. Is additional justification YES NO 4 Information attached? नि References 1/s 3/4, 3.7.11 table 3.3, 7.11-1 \$3,11,1.1 ,2.2.4; table 11.5-2 12, 13, 17; 12, 13, 25 YES NO Is additional reference information attached? W Prepared by Date 7-25-9/ Reviewed by 958-24431 R1 (12/00) PPM 1.3.4 ATTACHMENT PROCEDURE NUMBER **REVISION NUMBER** PAGE NUMBER

15_of_28

1.3.43

CONTROLLED COPY

SUMMARY OF RACIOLOGICAL CALIBRATION TURBING SERVICE WATER MONITOR TSW-RIS-5

Date of Calibration 25 July 1991	ISCR # 1080 p.4	
Primary Calibration: Date of Primary Calibration 8 Nov 1983 Liquid Calibration Factor 6.76+7 commonsfer Source Identification No.2-23-25 Transfer Source Calibration Factor 1.61 +	pm/µCi/ml · E_Isotope_ ¹³⁷ &Act:vity_ <u>USY_</u> µCi	1
Current Calibration: Transfer Source Current Activity <u>O.443</u> Transfer Source Count Rate <u>72.681</u> ± Transfer Source Calibration Factor <u>1.62</u> Current Fransfer Source to Primary Calibrat Recalculated Liquid Calibration Factor <u>6.</u>	912 0 10 % Error 06+5 com/µCi 1.626+5 1.626+5 1.60-75 2.00-99 827+2 com/µCi/ml	
Instrument Parameters Detector: High Voltage Operate High Voltage Inon Upper Leval Discriminator Lower Level Discriminator Alarm Setpoints from PPH 7.4.3.7.11.4 Low_disabled_spm High_6/0_spm Remarks:	wally - the cal's not been totally to not possible the portions re attacked ISCO - 14 Voits to the attacked ISCO - 2.75 Voits have been total to OR. John R. O. High High 1250 cpm	0
Prepared By: Attachmen	Data 7-25-91	

FACE NUMBER

7.4.3.7.11.22-4 cf 4

REVISION NUMBER

ARCCEDURE NUMBER

7.4.3 7.11.22

ISCR Number: Page 1 of

	Quality Class: 1 2 2+ G MEL EPN: SW-RIS-604 Technical Specification Instr. YES No Calculation Required YES No Calculation Required Original Calc. No.: 5.52.036 ORIGINATED BY: A.I.DAVIS
O R	Tech. Spec. Section: 3/4.3.7.11 Tech. Spec. Limit: NA
I G I	Affected Procedures / System Components: 7.4.3.7.11.7, 7.4.3.7.11.6A
N A T	Existing Setpoint / Range HV Oper 1000 V PHD Voltage 8.50 V (Admin, Limit/Calib. Tol.) HV INOP 950 V
O R	Reason For Change: Radiometric Recalibration and reset operating parameters.
	Note: No change to HV parameters. IMDS should be changed to reflect new PHD value.
	New Setpoint / Range HV Operating: 1000 V PHD: 8.40 V (Admin, Limit/Calib, Tol.) HV INOP: 950 V
A P P R O V A L S	Plant Technical Control Sys. Eng.: Date: 9/4/9/ System Engineer: Date: 9-4-9/ Plant Engineering Supervisor: Date: 9-7-9/ HP Chem Manager / Operations: Date: 9-6-9/ HP / Chemistry Manager required only on Rad Monit Setpoints / Operations required only for Administrative Limits and Calibration tolerances for instruments addressed in the Tech. Spec. HRequired for Technical Specifications Quality Class I, Fire Protection or Security Changes if PMR has not been previously approved by POC. SEE NEXT PAGE FOR TEMPORARY SETPOINT CHANGE APPROVALS

ISCR Number: Page of

L					Commence of the control of the second		
	<u>TEMP</u>	DRARY SET	ſΡC	DINT CHANGE APPR	OVALS	,	
Α	Shift Manager: NA D					te:	
P P	Plant Engineer:	1	Dat	te:			
R O	+HP Chem Manager			Α	Dat	e:	
V A	Affected Procedure(s) Devia	ted:	N.		Dat	e:	
L S	Procedure No. + HP / Chemistry Manager required only on Rad Monit Setpoints / Operations required only for Administrative Limits and Calibration tolerances for instruments addressed in the Tech. Spec. Forward to Plant Technical Control Systems Engineer						
	Control System Engine			approvals Obtained	Date:	9,	<u>/6/</u> 91
	PROCEDUR			0		TI	ONS
	PROCEDURE NUMBER	REV. No	0.	DEVIATION No.	INITIA	L	Date Comp.
	NA :	NA		NA	NA		NA
		<u> </u>			A		
	1						
I M P L	Setpoint Change MWR No: <u>AR 5565</u> Date: 9/25/9/						
E M	Original Revised MDS to Plant Records: OLA Date: 3/10/31					10/21	
E N T	Сору	of MDS & 1	ISC:	R Distributed to			
A T	DEPARTMENT			COMPLETED B	Y		DATE
IO	I & C MAINTENAN	CE		DLA		c	7/10/91
N	OPERATIONS			OLA			9/10/91
	HP / CHEMISTR	Y		OLA		9	110191
	NUCLEAR LICENSE TRAINING			OLA		9	110/91

ORIGINAL 10CFR50.59 REVIEW

ORIGINAL	10CFR50.59 REV	IEW Implementing		scR 1085 p. S
Implementing Activity Description	Radiological calibration of the	RHR Loop A Service	e Water mo	nitor.
SW-RIS-604, and resetting of o	operating parameters.			
			YES	NO
	nical Specifications necessary to impact in its activity may not be fully implemented in the full implemented in the fully implemented in the full implemented in the fu			d
Does this implementing activity affect a safety related SSC as de	constitute a change to WNP-2 whice escribed in the LBD?	h could functionally	Q .	Ø
3. Does this implementing activity safety in a manner not previously	constitute a change to WNP-2 which by evaluated?	n could affect nuclear		
4. Does this implementing activity of the intent of the commitments de	change or affect the Intent of a processribed, outlined, or summarized in	edure or process from the LBD?		d
5. Does this implementing activity represent a special test or experiment not previously described in the LBD that might affect safe operation of the Plant?				
If there Is a yes response to either que then a Safety Evaluation must be con				
If the responses to questions 2 throu				
adjusted as part of the perform				
procedures to ensure that the m		alarms at the existing C	DCM Limi	ts in
accordance with the referenced I	LBD's.			
		Is additional justific information attache		NO
ReferencesT/S 3/4.3.7.11				
ODCM Section 2.9, 2.9.1				
FSAR 11.5.2.2.2.1 table 11.5-2	2			
PPM 7.4.3.7.11.7, 7.4.3.7.11.6A,	7.4.3.7.11.24			
PPM 12.13.13		ls additional referen information attached		NO
Prepared byA.I. DAVIS	Allert Ila	vis Date 29 J	ULY '91	
Reviewed byJOHN R. ALLE	EN John & all	Date	7-91	

38-24431 R1 (12/90) PPM 1.3.43

ORIGINAL

CONTROLLED COPY

SUMMARY OF RADIOLOGICAL CALIBRATION - RHR SERVICE WATER MONITOR SW-RIS-604

ISCR 1085 P.4 SW-RIS-604

Date of Calibration 24 lul: 19	5W-X13
Primary Calibration:	
Date of Primary Calibration 26 June	1987
Liquid Calibration Factor 4.4898+6 c	ps/µCi/ml
Transfer Source Identification No. 2-83-85	E_IsotopeActivity_0.487 uCi
Transfer Source Calibration Factor 4/10.5	?cps/μCi
Current Calibration:	
Transfer Source Current Activity 0.44.	<u>JJ</u> uCi
Transfer Source Count Rate 1827.2 +	0.242 @ 1 0 % Error
Transfer Source Calibration Factor 4/10.	9 cps/pCi
Current Transfer Source to Primary Calibra	tion Ratio $\frac{410.9}{410.9} = 1.60267$
Recalculated Liquid Calibration Factor 4.5	cps/µCi/ml
Instrument rarameters	
Detector:	
High Voltage Operate	1000 Volts
High Voltage Inop	950 Volts
Pulse Height Discriminator	<u>8.40</u> Volts
Alarm Setpoints from PPM 7.4.3.7.11.6A	•
Low <u>0,5</u> cps High <u>80</u> cps	High High 165 cps
Remarks:	
	· · ·
Prepared By: Challain	Date 7-26 -9/

Attachment A

PROCEDURE NUMBER	REVISION NUMBER	PAGE NUMBER
7.4.3.7.11.24	2	7.4.3.7.11.24-4 of 4
N N N N N N N N N N N N N N N N N N N	1	

ORIGINAL

	•
	INSTRUMENT SETPOINT CHANGE REQUEST ISCR No95
	1. Quality Class: I. V II. G
	2. Originated by allhot I Davis Date 6 June 1990
0	3. MEL No. and Function Sw-RIS-605 RHR Lap B Red Page.
R	4. Tech. Spec. Section 34.3.2.11
G	5. Tech. Spec. Limit None - Off Sh day Calo. Monuel.
N A	6. Affected Procedures/System Components (% 7.4.3.7.11.7)
T	Existing Setpoint/Range HV. OP 1000 LND. 7.2 16/4. 7. (Admin. Limit/Calib. Tol.) Map 950
R	8 Reason For Change
	Rust Recal. High Vollage 1025 grande 975 Jugs.
	220 6.4
	9. New Setpoint/Range (Admin. Limit/Calib. Tol.)
	1. Necessary Approvals Obtained M. Turkmeyer 6/6/90 Control Systems Eng. / Date
ε	2. Orig revised MOS to Plant Records DLA 1 6/7/90
N G	3. Copy of MDS & ISCR to I&C Maint. An 1 4/9/90
N E	4. Copy of MDS & ISCR to Operations OLA 1./7/90
E R	HP Chem
l	Nuclear License Training OLA 1 4/7/96

Attachment A Page 1 of 2 Date

PROCEDURE NUMBER	REVISION NUMBER	PAGE NUMBER
1.4.3	9	1.4.3-8 of 11

Setpoint Changes; Calibration Date

Affected Procedures Revised/Deviated

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10CFR50.59 EVALUATON PROCESS FLOW CHART

ISCR # 995 sh. 366

NOTE: The 10CFR50.59 Evaluation implementing processes will typically address items 1 through 4 only and the USQ Analysis would be processed only if required by an affirmative response to question 2, 3, or 4.

						ı
		to the WNP-2 Tec	hnical Specificati activity?	on YES	I Z	-
YES	physical ch FSAR or not	mplementing active ange to WNP-2 as in the FSAR and way not previous	described in the affects nuclear	ا	I <u>X</u> I	
(1)			ity constitute a tment as déscribed		<u>IX</u> I	
		mplementing activ t or experiment no n the FSAR?		·	区	
	f question 1 is o implementation		hen prior NRC appro	oval is requ	ired prior	
	f either questi e performed.	on 2, 3 or 4 are	answered YES, then	n an USQ Ana	lysis must	
			YES (2,3,4)			
YES-				II	1 <u></u> 1	(1,2,3,4 NO
				N		
im	tivity may not plemented witho C staff approva	ut prior	NRC Staff Authorization Received		ement vity	
NOTE	: Upon POC app staff approval.	proval, partial i	mplementation may	occur witho	ut prior	,
		Prepared by	that I Suris	Date 6 J	one 1996	
•		Approved by	Λ	_ Date <u>6-6</u>	. 90	
ě		Attachm	9			
PROCEDURE N	UMBER	The state of the s	PAGE NUMBER			
1.3.43		. 1	,	1.3.43-10 of	17	

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	1 ISCR # 995
	INSTRUMENT SETPOINT 2 Sheet 4 of 6 CALCULATION 3 Date 6-6-90
4	EPN Sw-Ris- 605 5 Description RHR long B Red 9mm.
6	Purpose Rad Rical
7	References: Document # Rev Description 7. 4.3.7. 11.25 Red Cal & Sw-R15-605
8	Setpoint Derivation (Attach additional sheets as required)
	Attachment A & 7.4. 3. 7.11.25
	(macroned - Date).
	Engineer Allest Navi Date 6 June 90
9	Verification Checklist (or) Alternate Calculation Accuracy of Input Date (attached) Validity of Assumptions Appropriateness of Method Arithmetical Accuracy
9	Verification Checklist (or) Alternate Calculation X Accuracy of Input Date (attached) Validity of Assumptions X Appropriateness of Method X Arithmetical Accuracy X 10CFR50.59 Review
9	Verification Checklist (or) Alternate Calculation Accuracy of Input Date (attached) Validity of Assumptions Appropriateness of Method Arithmetical Accuracy
9	Verification Checklist (or) Alternate Calculation Accuracy of Input Date (attached) Yellow Validity of Assumptions Appropriateness of Method Xellow Arithmetical Accuracy Xellow Incomplete Arithmetical Accuracy Arithmetical Accuracy Arithmetical Accuracy Incomplete Arithmetical Accuracy Arithmetical Accuracy
	Verification Checklist (or) Alternate Calculation Accuracy of Input Date (attached) Yellow Validity of Assumptions Appropriateness of Method Xellow Arithmetical Accuracy Xellow Incomplete Arithmetical Accuracy Arithmetical Accuracy Arithmetical Accuracy Incomplete Arithmetical Accuracy Arithmetical Accuracy
	Verification Checklist (or) Alternate Calculation Accuracy of Input Date (attached) Yalidity of Assumptions Appropriateness of Method Arithmetical Accuracy Arithmetical Accuracy IN 10CFR50.59 Review 18C Engineer or HP/Chemistry Support Supervisor Date 18C Engineer or HP/Chemistry Support Support Supervisor Date 18C Engineer or HP/Chemistry Support Suppor
	Verification Checklist (or) Alternate Calculation Accuracy of Input Date (attached) Yalidity of Assumptions Appropriateness of Method Arithmetical Accuracy Arithmetical Accuracy IX 10CFR50.59 Review 18C Engineer or HP/Chemistry Support Supervisor Date
	Verification Checklist (or) Alternate Calculation (attached) Accuracy of Input Date (attached) Yalidity of Assumptions Appropriateness of Method Arithmetical Accuracy Arithmetical Accuracy IX 10CFR50.59 Review Date Approval: HP/Chemistry Manager or Plant Engineering Approval Appro
0	Verification Checklist (or) Alternate Calculation Accuracy of Input Date (attached) Yalidity of Assumptions Appropriateness of Method Arithmetical Accuracy Arithmetical Accuracy Table Incorporate Incorporat

CONTROLLED COPY

ISCR # 995

SUMMARY OF RADIOLOGICAL CALIBRATION
RHR SERVICE WATER MONITOR SW-RIS-605

SW-RIS-605

Primary Calibration			
	libration 26 June	to Transportation appropriate Transport (All Control of	Date:
	Factor 4.4 298 E +6		
		85E Isotope 132G Activity	<u>0.487 u</u> c1
Iranster Source Ca	libration Factor 390	11.0 cps/µc1	
Current Calibration	1.		
Transfer Source Cui	rent Activity 0,45	<u>76uCi</u>	
Transfer Source Cou	int Rate 1844.6 +	0.64 @ 10 % Error	
Transfer Source Cal	ibration Factor 40	3λ cps/μCi	
		ration Ratio	<u> </u>
Recalculated Liquid	Calibration Factor_	<u>4.53 ΓΕ6</u> cps/μCi/m1	
Instrument Paramete	rs		
Detector:	*		
High Voltage C	perate	1025 Volts	
High Voltage I	nop	<u>975</u> Volts	
Upper Level 01	scriminator	N/A Volts	
Lower Level Di	scriminator	6.4 Volts	
Alarm Setpoints fro	m PPM 7.4.3.7.11.68		
Low_ 0.5 cp	m High <u></u> のcpm	High High 105 cpm	
		7	a.
Remarks:			
		Ω	
Responsible HP or R	adiochemist 62	Vous Date 5 MM	and 14
IP Support Supervis			3-90
·	0	7 -	
	Attachr	nent A	
5 9	v	in processing them on the	

WNP-2 INSTRUMENT MASTER DATA SHEET

DIC 1801.1 Rev. No.: 12 Location: 2-E-CP-H13/P604+ E.P. No .: N1/9.5 SW-RIS-605 (D17-K605) Bldg.: Elev.: 501 RHR Service Water (Loop B) ISys. No.: 36.0 Service: Manufacturer: GE 368X103AAG001 IFlow Diag .: M524 Sh.2 H-14 Model: Serial: 6578410 Logic Diag .: M620 Sh. 524-21 Inst. Range: .1 - 100 CPS CVI No.: 2-94-1401 Quality Class: 1 | | | | | | CVI No. 2-02-01,5 Dwg. No. Elem. Diag. 807E168TC-7 |Seismic Class: 2 Elem. Diag. Input From E.P. No.: SW-RT-2 Anig Loop K601-4B, SW-RR-2 M619 SH. 174 Output to E.P. No.: Instl Detl Wiring Diag. GEK-45808 Acc. Rated: |Req.: + 20% 02-02-01,51,1 Loop No.: Parts List SW-RIS-605 Alarm Location: Alarm Location: P602 A5/5-3, 5-5, 3-4 NA Remote Local MCR 24 VDC Instr. Bus B |Computer Input Term: NA Power Supply and Location: DP-SO-B Bkr. 2 See Addenda (2) Computer Point: NA Surv Proc/PM:CFT 7.4.3.7.11.7/CC 7.4.3.7.11.6B| I&C Cal Procedure: Use Surveillance Proc.

	INST	. PARAMETERS
Input	Desired Output and Tolerance	Loop Check Data
CPS	METER (Note Addenda)	SW-RR-2 (Green Pen)
1	1 CPS + .2	1 CPS + .2
10	10 CPS + 2	10 CPS + 2
102	10 ² CPS + 20	10 ² CPS + 20
103	10 ³ CPS + 200	10 ³ CPS + 200
104	10 ⁴ CPS + 2000	10 ⁴ CPS + 2000
1 05	10 ⁵ CPS + 20000	10 ⁴ CPS + 20000
PB or Gain	Reset NA	Rate Direct NA Reverse NA
		FUNCTIONAL DATA
Switch No.	Set/Trip Point Desired Re	
*See Addenda		
Z 16B	(D)0.5 CPS + .1(CC) Record	d 0.5 CPS Failure Alarm
Z 17A	(1)75 CPS + 15(CC) Record	i 75 CPS High Alarm
Z 17B	(I)10 + .2 x 10 Record	1 10 CPS High High Alarm
Reviewed By:	M. T. Jidmein	N Date: 90/6/6

		_		
7)		. 3		
1	PIA	MA	9	•

•		1		1	
15	A	49	7	0	16
_		5	-	27	26

		INSTRUMENT SETPOINT CHANGE REQUEST ISCR No. 97.3
	1.	Quality Class: I. II. $ u$ G. Technical Spec. Instr. Yes $ u$ No Calculation Required Yes $ u$ No Orig Calc
0	2.	Originated by Albert Swis Date 9 Lb 1990 re.
	 <u>-3.</u>	MEL No. and Function WEA-RIS-14 PW Bldg No Eff. Mm.
R	4.	
G	 <u>5.</u>	
N	6.	Affected Procedures/System Components CC 2,4,3,7,12,18
T	7.	Existing Setpoint/Range HVAP 900 110 -0.497 (Admin. Limit/Calib. Tol.) HVIsor ESOV ULD - 12.48
I R	8.	Reason For Change Rudionetres Recolibration
		HV OP 925
		HU ZNOP 875
		LLD -12.5 LLD -0.5
	9.	New Setpoint/Range (Admin. Limit/Calib. Tol.)
	1.	Necessary Approvals Obtained M. Tuskineyer 1 7/10/90 Control Systems Eng. Date
	2.	Orig revised MOS to Plant Records $R-5$. $17-10-90$
E		Date
G	3.	Copy of MDS & ISCR to I&C Maint. R-5. 17-10-90 Date
N E	4.	Copy of MOS & ISCR to Operations RS 17-10-90
E R		HP Chem R.S. 17-10-90
		Nuclear License Training R.S. 17-10-90 Date
	5.	Setpoint Changes: Calibration Date NA
	6.	Affected Procedures Revised/Deviated NA /
	<u> </u>	No. Date

Attachment A Page 1 of 2

PROCEDURE NUMBER	REVISION NUMBER	PAGE NUMBER
1.4.3	9	1.4.3-8 of 11
1		

(

WP-598 R1 (9-43)

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10CFR50.59 EVALUATON PROCESS FLOW CHART

Sh. 324

NOTE: The 10CFR50.59 Evaluation implementing processes will typically address items 1 through 4 only and the USQ Analysis would be processed only if required by an affirmative response to question 2, 3, or 4.

	_				-			
	 1.		to the WNP-2 Te	chnical Specificat activity?	ion	<u>YES</u>	NO NO	
- YES	2.	physical ch FSAR or not				<u> </u>	×	
(1)	3.		procedural comm	vity constitute a itment as described	i	I <u></u>		
	4.	special tes	mplementing active tor experiment reports to the FSAR?		1		M	
700 Closed Control 81	If to	question 1 i implementati	s answered YES, ton.	then prior NRC appr	roval	is requir	red prior	
		either quest performed.	ion 2, 3 or 4 are	e answered YES, the	n an	USQ Analy	sis must	
				YES (2,3,4)		•		•
YES	5.					II YES	1 <u> </u>	(1,2,3,4 NO
						מא		
	impl	vity may not emented witho staff approva	ut prior	NRC Staff Authorization Received		Imple: Activ		,
<u>וא</u> וא	<u>OTE</u> : RC st	Upon POC ap aff approval.	proval, partial	implementation may	occu	ır without	: prior	170
			Prepared by	but Alicis	0a1	te 9	ly 1990	
•		•	Approved by	The state of the s		te 1-8	<u>02-1</u>	
×			Attachr	ment A		•	\ <u>\</u>	
PROCEDUR	NUN 3F	MBER	REVISION NUMBER	PAGE NUMBER				
1.3.	.43		. 1		1.3.4	3-10 of 1	7	

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7 References: Document # PPM 2.4, 3.7, /2.33 /2./3./0 /2./3.26	Rev Description Red Col J WES 6 Rw Elds for 3 HV platern of	gft Mm J. 13 "Seart.
8 Setpoint Derivation	(Attach additional sheets as	required)
Measured Via	a P.P.M 12.13. 26	and Summary
on play.	7.4. 3. 7. 12.33	<i>s</i>
4	•	
	Engineer A	Lavis Date 9/1/90
Accuracy	of Input Date	Alternate Calculation (attached)
Appropri	of Assumptions iateness of Method tical Accuracy	
Appropri	iateness of Method tical Accuracy	
Appropri	iateness of Method tical Accuracy	A-9-97
Appropri Arithmet 106FR50.59 Rev	iateness of Method tical Accuracy	rvisor Date
Appropri Arithmet 106FR50.59 Rev	iateness of Method tical Accuracy view	rvisor Date
Appropri Arithmet 106FR50.59 Rev	iateness of Method tical Accuracy view	rvisor Date
Appropri Arithmet 106FR50.59 Rev I&C Engineer o	iateness of Method tical Accuracy view or HP/Chemistry Support Supe	rvisor 1-9-90
Appropri Arithmet 106FR50.59 Rev 1&C Engineer o	iateness of Method tical Accuracy view or HP/Chemistry Support Supe lanager or Plant Engineering	7990
Appropri Arithmet 106FR50.59 Rev I&C Engineer o	iateness of Method tical Accuracy view or HP/Chemistry Support Supe lanager or Plant Engineering	rvisor Date
Appropri Arithmet 106FR50.59 Rev 1&C Engineer o	ateness of Method tical Accuracy view or HP/Chemistry Support Supe lanager or Plant Engineering introl Systems	7990
Appropri Arithmet 106FR50.59 Rev 1&C Engineer o	lateness of Method tical Accuracy view or HP/Chemistry Support Supe lanager or Plant Engineering introl Systems Attachment A	7990
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Appropri Arithmet 106FR50:59 Rev 1&C Engineer o	lateness of Method tical Accuracy view Or HP/Chemistry Support Supe lanager or Plant Engineering introl Systems Attachment A Page 1 of 2	7990

1	rech. Spec. Instr. Yes VNo No. 318
	Instrument Setpoint Change Request
0 8	1. Originated by R. G. Graybeal Date 7/26/84 2. MEL No. and Function WEA-RIS-14 Recline + Gost monitor
I	3. Tech. Spec. Section 3.//.2./ 3.//.2.2 3.//.2.5 (ODCM 3.62)
I	4. Tech. Spec. Limit 20 % 500 mm/yr 1500 mm/
TOR	6. Reason For Change Set point were reviewed based on ANSI-13.10 evaluation of culibration data and in response to a set
l l	of Burns ; Rue set point crimination. New dota (calibration)
	levels. Burns and Roe used outdated data for
	their determination of level and their set points
	ax not voled.
I &	1. New Setpoint/Range Low Wign Hi GOODERN Willi 12,000 CFM
C	2. Necessary Approvals Obtained M. Hollman 19/14/84
N G I	3. Copy to Originator and I&C Maint. Sup. R.S. / 9-/4-84 I&C Eng. Date
N E E	4. Master Data Sheet Index R.S. 1 9-14.89 I&C Eng. Date
R	5. Setpoint Changes; Calibration Date 9/14/84
	6. Operations notified to review and revise Operating Procedures as applicable R.S. / 9-14.84 I&C Eng. Date

Attachment 1 Page 1 of 2

Page 1 of 6 WASHINGTON PUBLIC POWER SUPPLY SYSTEM 1197 CHANGE REQUEST MEL EPN: Quality Class: PRM-RR-3 YES X Technical Specification Instr. No PPM 8.3.286 YES X No Calculation Required Original Calc. No.: 5.52.036 ORIGINATED BY: W.F.Krueger 0 Tech. Spec. Section: 3/4.3.7.5 R I NA Tech. Spec. Limit: G I Affected Procedures / System Components: 4.602.A5-3.5, EOP's N Existing Setpoint / Range A 100,000 CPM (REA-RIS-19) (Admin. Limit/Calib. Tol.) T Reason For Change: 0 Implement new setpoint for the RB elevated release as a result of of PMR 90-0305 Stack R Monitor Project and preoperational test 8.3.286. New Setpoint / Range PRM-RR-3 (CHANNEL 1): 180,000 CPS (Admin. Limit/Calib. Tol.) $(8.51 \text{vdc} \pm 0.3 \text{vdc})$ A Plant Technical Control Sys. Eng.: P System Engineer: P R 0 Plant Engineering Supervisor V + HP Chem Manager / Operations: A Date: 7-12-93 PAM L + + Plant Oper. Committee (or PMR#): 90-0305-3 /8.3.286 Date: S HP / Chem Manager required only on Rad Monit Setpoints; Operations required only for Admin. Limits and Calibration tolerances for instruments addressed in the Tech. Spec. Required for Technical Specifications Quality Class I, Fire Protection or Security Changes if PMR has not been previously approved by POC.

SEE NEXT PAGE FOR TEMPORARY SETPOINT CHANGE APPROVALS

NUCLEAR LICENSE TRAINING

INSTRUMENT SETPOINT

ISCR #: Page 2 of

	TEMPORARY SETPOINT CHANGE APPROVALS						
A	Shift Manager:			I	Date:		
P P R	Plant Engineer:		Date:				
O V	+HP Chem Manager			Ţ	Date:		
A	Affected Procedure(s) Devi	ated:			ate:		
L S	Affected Procedure(s) Deviated: Procedure No. + HP/Chemistry Manager required only on Rad Monit Setpoints; Operations required only for Administrative Limits and Calibration tolerances for instruments addressed in the Tech. Spec. Forward to Plant Technical Control Systems Engineer						
(Control System Engineer:	Necessary	Approvals Obta	ained	n: in		
	PROCEL	URE RI	EVISIONS / I	EVIATIONS		24.7%	
	PROCEDURE NUMBER	REV. N	o. DEVIATIO	N No. INIT	AL	Date Comp.	
	4.602.A5	5	\\.	-77		3/7/94	
	EOP's	م جرف برو م الرو	they region	المراب المراب	711	4/19/91-	
ı							
M P Setpoint Change MWR No: MWR AP4204 E M Original Revised MDS to Plant Records: 1-16					-22-43	-	
					te:	7-16-93	_
E N T	Copy of MDS & ISCR Distributed to						
A DEPARTMENT			COMPLETED BY			DATE	
I	I & C MAINTENANC	E	R-9			7-16-73	
N	OPERATIONS		R.5		somiga project. 4:	-16-43	
	HP / CHEMISTRY	e s		1 7	-11. 43		



ORIGINAL 10 CFR 50 59 REVIEW

Implementing Doc. No.

ISCR 1197

(p. 3 of 6

IMPLEMENTING ACTIVITY DESCRIPTION: This activity implements the High Radiation setpoint as calculated in PPM 8.3.286. That procedure performed radiological calibration of the new gamma spectroscopy system installed for the RB elevated release effluent monitoring. This ISCR implements the new setpoint in accordance with step 8.42.2 of PPM 8.3.286. The new setpoint is 180.000 CPS, corresponding to the ODCM limit of 200 mRem/yr for the Site Boundary dose attributable to RB effluent.

1.	Is a change to the WNP-2 Technical Specifications necessary to implement (If response is yes then the activity may not be fully implemented without NRC staff approval.)		YES .	NO X			
2.	Does this implementing activity constitute a change to WNP-2 which could indirectly, affect the design, design safety function, or method of performs safety function of an important to safety SSC as described in the LBD?			X			
3.	Does this implementing activity constitute a change to WNP-2 which could safety in a manner not previously evaluated?	d affect nuclear		X			
4.	Does the implementing activity change or affect the intent of a procedure of the intent of the comments described, outlined, or summarized in the LBD	?		X			
5.	Does the implementing activity represent a special test or experiment not p described in the LBD that might affect safe operation of the plant?	51		X			
If the reallows	If there is a yes response to either question 2,3,4 or 5, then a Safety Evaluation must be completed. If the response to questions 2 through 5 are all NO, a written justification is required. Implementation of the new setpoint allows annunciation in the Main Control Room when Reactor Building effluent reaches 40% of the site boundary. This ensures that the dose rate in the unrestricted areas due to noble gases do not exceed 500 mRem/yr to the whole body or 3000 mRem/yr to the skin as referenced in the LBD.						
	Is	additional justificat formation attached	ion YES	NO.			
ODCM 3D DS	ces: Spec. 3/4.3.7.5, TS Table 3/4.3.7.5-1 (item 31), TSAS #81, (pp. 3/4 3-70 of sections 3.2.1, 3.6; ODCM Tables 6.1.2.1-1 (p.122) and 6.1.2.1-1 (p.12 of SA Safety Evaluation 93-065; FSAR 11.5.2.2.1.5, FSAR SCN 93-020; at Radiation Monitoring System Preoperational Test)	5); ODCM SCN 93	8-060; BDC	90-030 5-			
	Is inf	additional reference formation attached?	YES	NO.			
	Prepared by: W.F. KRUEGER Reviewed by:	Date	7/12/93 7/12/9	3			



CHANGE REQUEST

ISCR #:

Page 4

1197

MEL EPN: PRM-RR-3 (channel 1)	
DESCRIPTION: RB Stack Effluent Rad Monitor	
PURPOSE: High Radiation Alarm Setpoint	

REFERENCE Doc. No.	REV.	DESCRIPTION
PPM 8.3.286	0	Stack Monitor Preoperational Test
ODCM	Amend.12	Offsite Dose Calculation Manual
PMR 90-0305	0,1,3,5	Project Modification packages
TS 3/4.3.7.5	Amend.117	WNP-2 Technical Specifications
CVI 02-776-00,1,1-6		Stack monitor vendor information

SETPOINT DERIVATION: (Attach additional sheets as required)
Reference attached IOM (Davis to Krueger, dated 7/11/93). Calculation performed by and attached within preoperational test PPM 8.3.286. SET POINT PROVIDED IS 1.8 × 10 = CPS. RANGE IS 10' TO (5 DECADES). SET POINT PROVIDED IS 1.8 × 10 = CPS. RANGE IS 10' TO (5 DECADES). LOG (VALUE: SEAN) = LOG (1.8 E 4) = .851
.851 (10 VOLT SPAN) = 8.51 VOLTS (RM.LCRM-1B TULERANCE 15 ± 0.3 VDC (5PAN) (FOINT of RANGE) 8.21 NOTS: [(.821%)(5 MCAPAS)] ALOG = 1.2735 = 1.3 E4 = 1.3 E5 8.81 WLTS: [(.881)(5)] ALOG = 2.5407 Engineer 7-12-9-3
8. 21 10.75: [(.821%) (5 MCADAS)] HUG = 1.2735 = 1.3 ES
8.81 WLB: [.881) (5] ALOG = 2.5409 Engineer 17-12-93
Verification Checklist (or) Alternate Calculation
Accuracy of Input Data (attached)
Validity of Assumptions
Appropriateness of Method
Arithmetical Accuracy
10CFR50.59 Review 1&C Engineer or HP/Chem Support Supervisor Date
Approval:

HP/Chem Manager or Plant Engineering Supervisor, Control Systems



INST**URES! SEAD**ING

ISCR #:

Page 5 of

1197

INSTRUMENT SETPOINT CALCULATION CALIB. TOL./ADMIN. LIMIT

MEL EPN: PRM-RR-3 / PRM-LCRM-1B	
SERVICE: Stack monitor Intermediate Range radiation	P
t .	2000

TECH. SPEC. REF	PAGE No.	TRIP SETPOINT	ALLOWABLE VALUE	
Table 3/4.3.7.5-1 item 31	3/4 3-70	NA	NA	
		c.		

	HIGH	LOW *	REFERENCE
Trip Setpoint / Calibration Tol.			
Admin Limit			
Trip Setpoint / Calibration Tol.			
Admin Limit			
Trip Setpoint / Calibration Tol.			
Admin Limit			

NORMAL OPERATING RANGE	
OPERATING TRANSIENT RANGE	,

COMMENT:	CPS	VDC*
TRIP	1.8 × 105	8.51
Low	1.3 × 105	8.21
H19 H	25 × 105	8.81
	- 1000 CH	

* UTILIZED FOR CAL PURPOSES.

INTEROFFICE MEMORANDUM

DATE: July 11, 1993

TO: W. F. Krueger

System Engineer

PE 27

FROM:

A. I. Davis (CA)

R.C.

927H

SUBJECT:

Setpoint Calculations for the Reactor Building Effluent Monitoring System.

REFERENCE:

ODCM Table 3-3, 6..2.1; FSAR Table 11.34-7, Chapt. 11.3

The set point for the Rx effluent system is based on the stack flow of 97000 cfm, a χ/Q value of 2.7 E-07 sec/m³, and the ODCM limit of 200 mRem/gr for the boundry dose due to the reactor effluent.

Isotope	Whole body dose fraction	Reactor stack μCi/sec	γ conversion factor	Monitor response cps
⁸⁷ Kr	0.052	6.37E+3	0.837	5.33E+3
**Kr	0.13	6.55E+3	1.372	8.99E+3
^{131m} Xe	0,00064	5.26E+3	0.0196	1.03E+2
¹³³ Xe	0.064	1.61E+5	0.367	5.91E+4
^{135m} Xe	0.41	9.74E+4	0.81	7.89E+4
¹³⁵ Xe	0.18	7.37E+4	0.939	2.20E+4
¹³⁸ Xe	0.18	1.51E+4	1.222	5.87E+3

The sum of the monitor response column is 1.80E+5. The addition of the constant background of 800 cps yields the total of 1.81E+5 cps. The cps/µCi/cc fector for the mid range monitor is 1.457E+7.

If there are any questions, contact me.

CHANGE REQUEST

ISCR Number:

. Page 1 of

Quality Class: 1 2 2+ G MEL EPN: † EA -A15-13 Technical Specification Instr. YES No C			
Calculation Required YES No No ORIGINATED BY: Cl Davis			
Tech. Spec. Section: 3/4 3, 7, 12 3/4 . 11. 2			
Tech. Spec. Limit: 40% & 500 m Rem/y ODCM 3.3 , 3.6.2			
Affected Procedures / System Components: PRM. 7.4.3.7.12.11			
Existing Setpoint / Range Hu op 940 LLB -0.7 Hi = 1730 cm (Admin, Limit/Calib, Tol.) Hu 2008 290 LLB -12.6 HiHi = 3460 cm			
Reason For Change: Rudio metric Recalibration and power meter evaluation.			
Note: Slight Change from old HV Lettings, old settings would not Ency Batestor. New values HV. op 965 volts HU. TNOP 915 volts LLD -0.7 volts ULD -12.7 volts. NEW HIGH SETPOINT = (1732)(.9692) = 1679 = 1680 cpm NEW HI-HI SETPOINT = (3462)(.9692) = 3355 = 3350 cpm			
New Setpoint / Range HU OP 965 Volts LLD=0.7 Volts Hi = 1680 CM (Admin. Limit/Calib. Tol.) HV ENOP 915 Volts HLD=-127 Volts. HI-HI = 3350 CM			
Plant Technical Control Sys. Eng.: Date: 9-4-91			

TRUMENT SETPOINT CHANGE REQUEST

ISCR NUMBER:

Page 2 of_

1086

12	TEMPORARY SE	POINT CHANGE APP	ROVALS		
A P P R O V A L S	Shift Manager:	A'CA	Date:	μA	
	Plant Engineer:	1	Date:	1	
				7	
	+HP Chem Manager		Date:		
	Affected Procedure(s) Deviated:	Procedure No.	Date:	<u> </u>	
	+ HP / Chemistry Manager required only on Rad Monit Setpoints / Operations required only for Administrative Limits and Calibration tolerances for instruments addressed in the Tech Spec. Forward to Plant Technical Control Systems Engineer				
	Necessary Approvals Obtained				
Control System Engineer: M. Widmeye Date: 9/6/9					
I M P L E	PROCEDURE REVISIONS / DEVIATIONS				
	PROCEDURE NUMBER REV. 1	No. DEVIATION No.	INITIAL	Date Comp.	
	4.602.A5 (4-4)				
	4.602.A5 (4.4) EUP: (No chig reg	quired)			
	Setpoint Change MWR No: AR 5609 Date: 9/24/9/				
M E	Original Revised MDS to Plant Reco	rds: OLA	Date:	410/9	
N T A T I O N	Copy of MDS & ISCR Distributed to				
	DEPARTMENT	COMPLETED	ву	DATE	
	I & C MAINTENANCE	DLA		Silvia	
	OPERATIONS -	OLA		410/71	
	HP / CHENISTRY	OLA		9/10/9/	
	NUCLEAR LICENSE TRAINING	DLA		9/10/91	
	PROCEDURES	DLA		9/10/91	

TTA

UKIGINAL

SAFETY RELATER CFR50.59 REVIEW

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Implementing Doc. No. Implementing Activity Description Radiological Calibration of turbine Building Effluent TEA-RIS- 13 gas mon tor YES NO 1. Is a change to the WNP-2 Technical Specifications necessary to implement this activity? X (If response is yes, then the activity may not be fully implemented without prior NRC staff approval) 2. Does this implementing activity constitute a change to WNP-2 which could functionally R affect a safety related SSC as described in the LBD? 3. Does this implementing activity constitute a change to WNP-2 which could affect nuclear K safety in a manner not previously evaluated? 4. Does this implementing activity change or affect the intent of a procedure or process from M the Intent of the commitments described, outlined, or summarized in the LBD? 5. Does this implementing activity represent a special test or experiment not previously **⊠** • described in the LBD that might affect safe operation of the Plant? If there is a yes response to either question 2, 3, 4, or 5, then a Safety Evaluation must be completed If the responses to questions 2 through 5 are all NO, a written justification is required. the set points have been adjusted as part of the performance of the radiological Calibration referenced sarveillance procedures to ensure the monister will continue alarm functions at the existing technical Specification limits Is additional justification YES accordance with the referenced LBD's. NO Information attached? 区 References +.S. 3/4.3.7.12 , 5, 1, 1, 2, 11.5, 2, 2, 1, 6, table 11.5-1 3.7.12.11, 7.4. 3.7, 12, 12, 7.4, 3, 7, 12, 32 YES NO Is additional reference information attached? 図 Prepared by _ Date Reviewed by 958-24431 R1 (12/00) PPM/1.3 ATTACHMENT PROCEDURE NUMBER REVISION NUMBER PAGE NUMBER 1.3.43 15 of 28