ENVIRONMENTAL QUALIFICATION OF SAFETY-RELATED ELECTRICAL EQUIPMENT IEB 79-01B

TECHNICAL EVALUATION REPORT

DOCKET NO. 50-250
PLANT: Turkey Point 3
DATED: October 28, 1980

Licensee: Florida Power and Light Company

Type Reactor: Westinghouse PWR

Prepared by:

Engineering Support Section Reactor Construction and Engineering Support Branch, RII

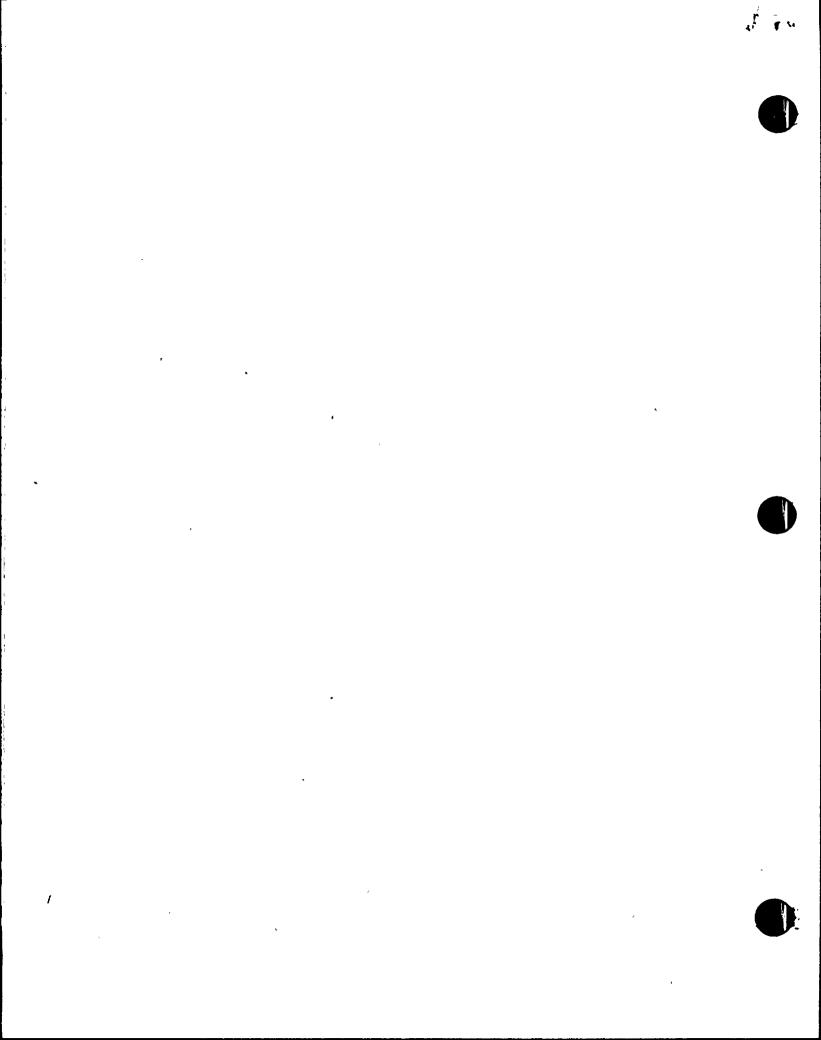
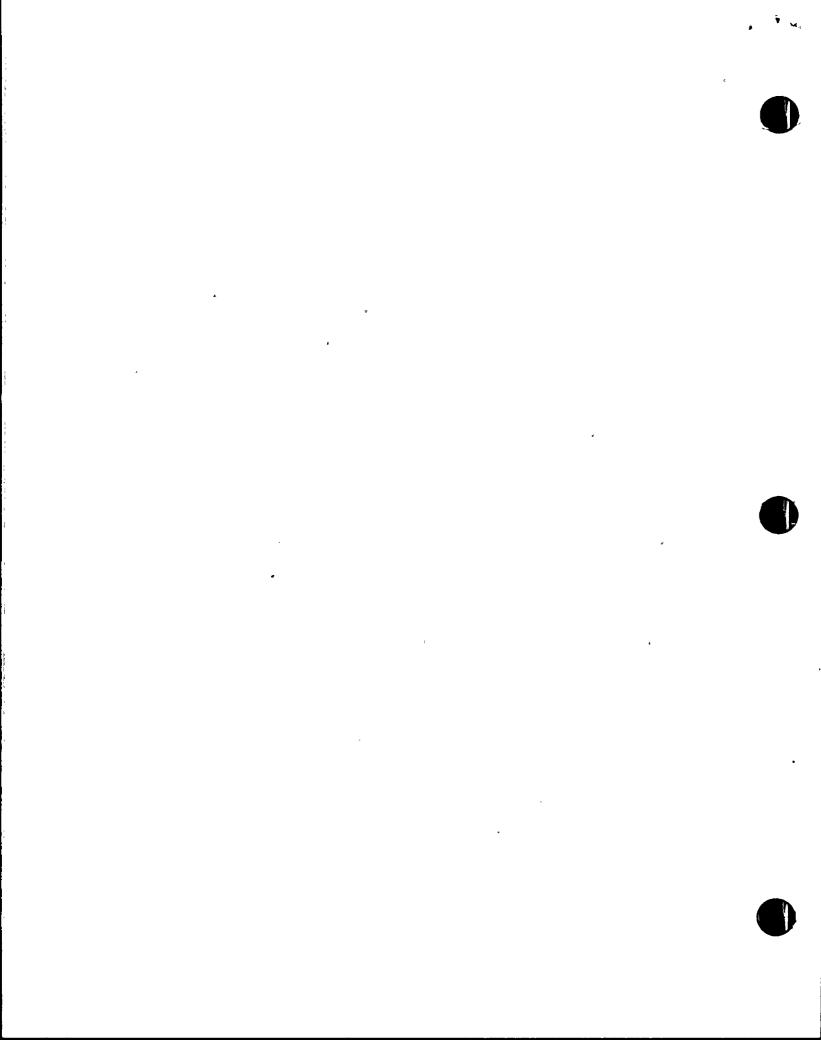


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1. INTRODUCTION

1.1 General

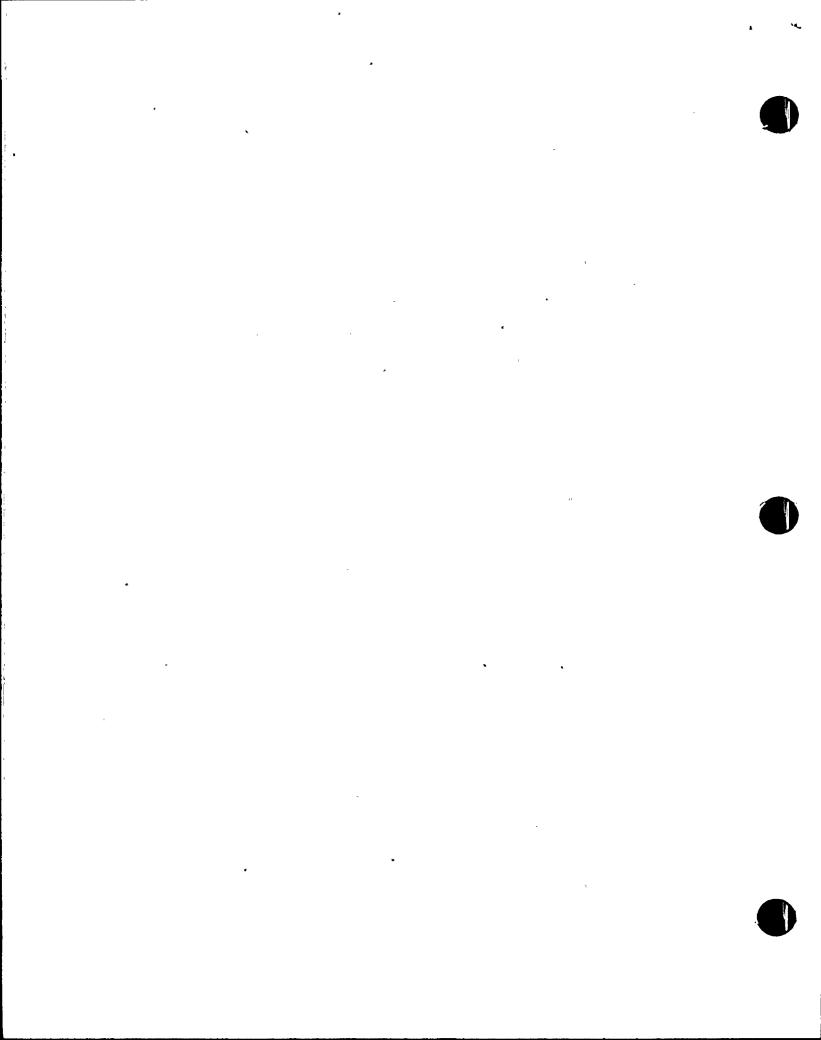
The NRC Office of Inspection and Enforcement (I/E) issued Bulletin 79-01B, "Environmental Qualification of Class 1E Equipment" in January 1980. This bulletin required the licensee to perform a detailed evaluation of the environmental qualification on Class 1E electrical equipment required to function under postulated accident conditions and to submit a report on this action.

This document is a report on the evaluation of the licensee's response to this bulletin.

2. BACKGROUND AND DISCUSSION

2.1 General

The evaluation of the licensee's response was accomplished by performing an on-site inspection of selected class IE equipment and by examining the licensee's report for completeness and technical accuracy. The licensee's reports used in this evaluation are dated July 3, 1980, and therefore, does not include the response to the bulletin supplement which was issued on 9/30/80 in the form of Generic Questions and Answers.



2.2 On-Site Inspections

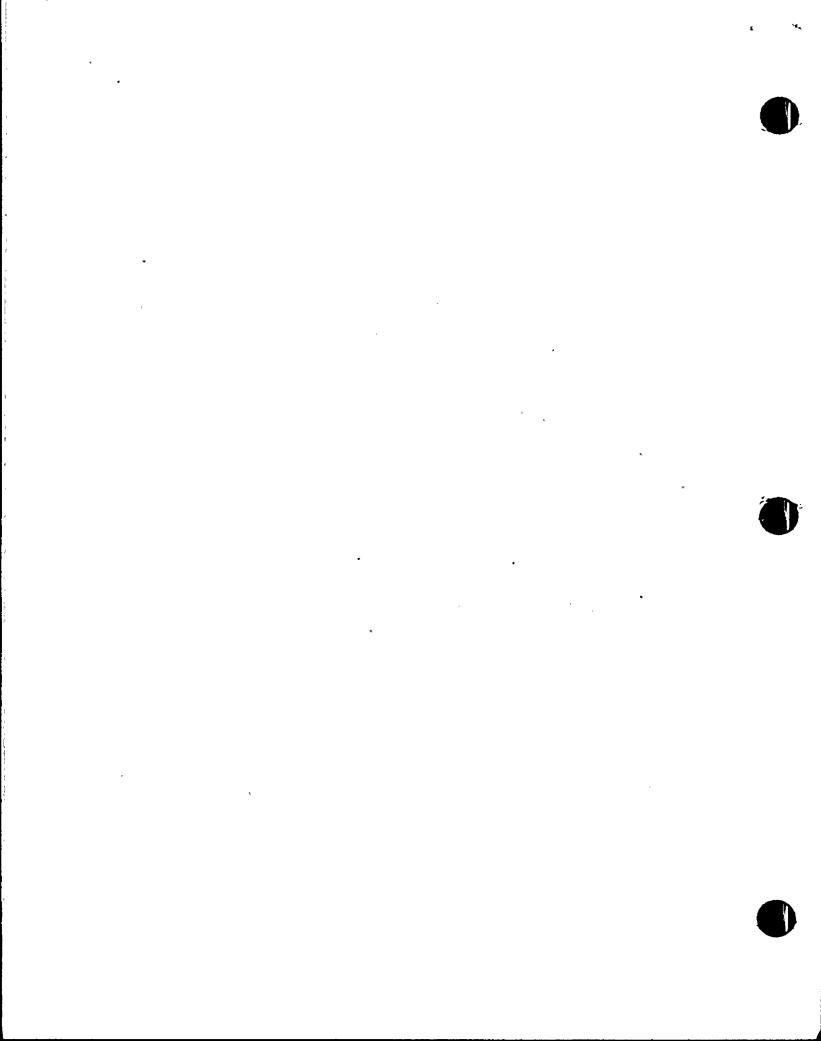
The on-site inspection, made on selected IE equipment, verified proper installation of equipment, overall interface integrity, location with respect to flood level for equipment inside the containment, and manufacturers nameplate data. The manufacturer and model number from the nameplate data was compared to information given in the Component Evaluation Work Sheets (CES) of the licensee's report.

Components that were examined during the field inspection are identified by a Delta (W) in Attachment 1. If any discrepancies were noted between the installed equipment and the correspondent equipment addressed in the licensee's report, they are discussed in Section 4 of this report. The site inspection is documented by report number 50-250/80-18 of October 29, 1980.

2.3 Evaluation of Licensee's Report

Each component as addressed on the Component Evaluation Work Sheets (CES) of the licensee's report was examined for completeness and accuracy to the criteria given in the bulletin. This examination assumed qualification documents (analysis, test reports, etc.) referenced by the licensee in their submittal are acceptable.

The results of this examination are documented in Attachment 1. The CES page numbers in column 1 of Attachment 1 is the same CES page found in the licensee's report.



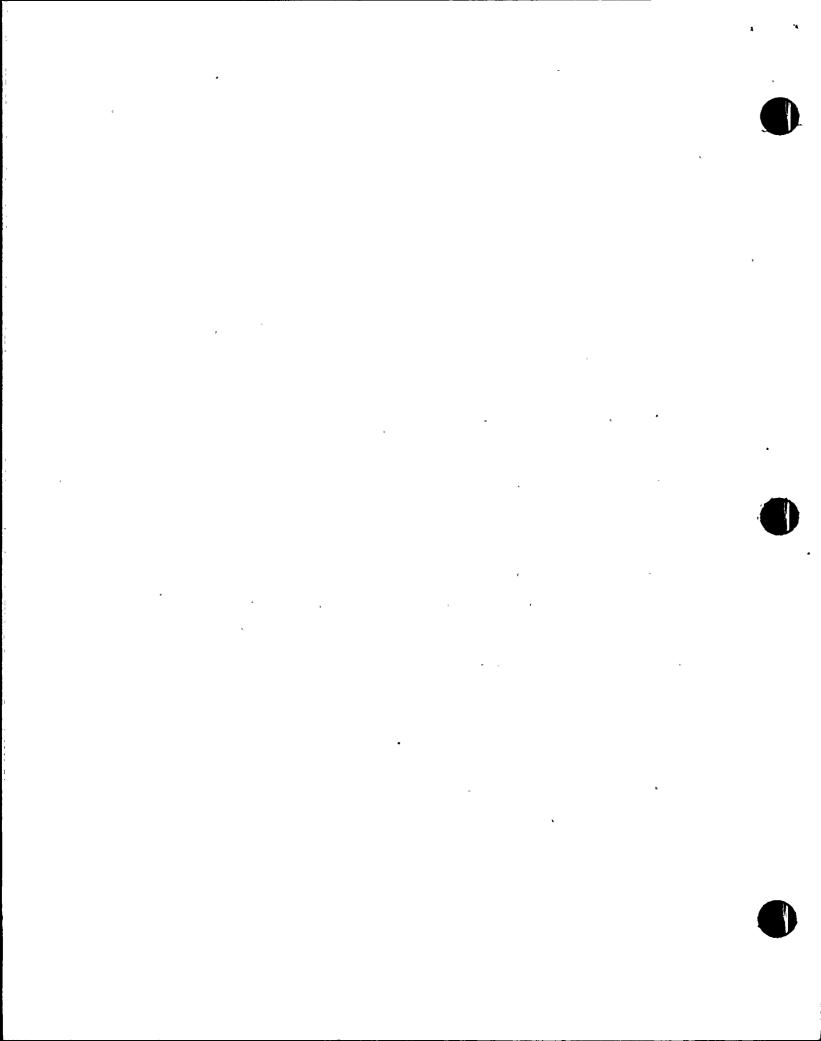
3. GENERAL INFORMATION

3.1 Identification Of Class 1E Electrical Equipment

The licensee's list of systems was compared to the systems listed on Attachment 2. This list is considered to be a standard list for Westinghouse NSSS PWR reactors.

It is recognized that there are differences in nomenclature of systems because of plant vintage and engineering design, therefore, many of these systems may not exist for Turkey Point 3 plant or the function of these systems for the Turkey Point 3 plant may be performed by comparable systems with different names. In any case, all the systems of Attachment 2 were not addressed or listed in the licensee's report. To insure completeness and uniformity of reports of similar design, it is considered that the licensee should address the following systems:

- (a) Feedwater Control
- (b) Containment Spray
- (c) High Pressure Injection
- (d) Low Pressure Injection
- (e) Accumulators
- (f) Pressurizer Spray
- (g) Power Operated Relief Valves
- (h) Steam Dump



- (i) Containment Sump
- (j) Safety Equipment Area Ventilation

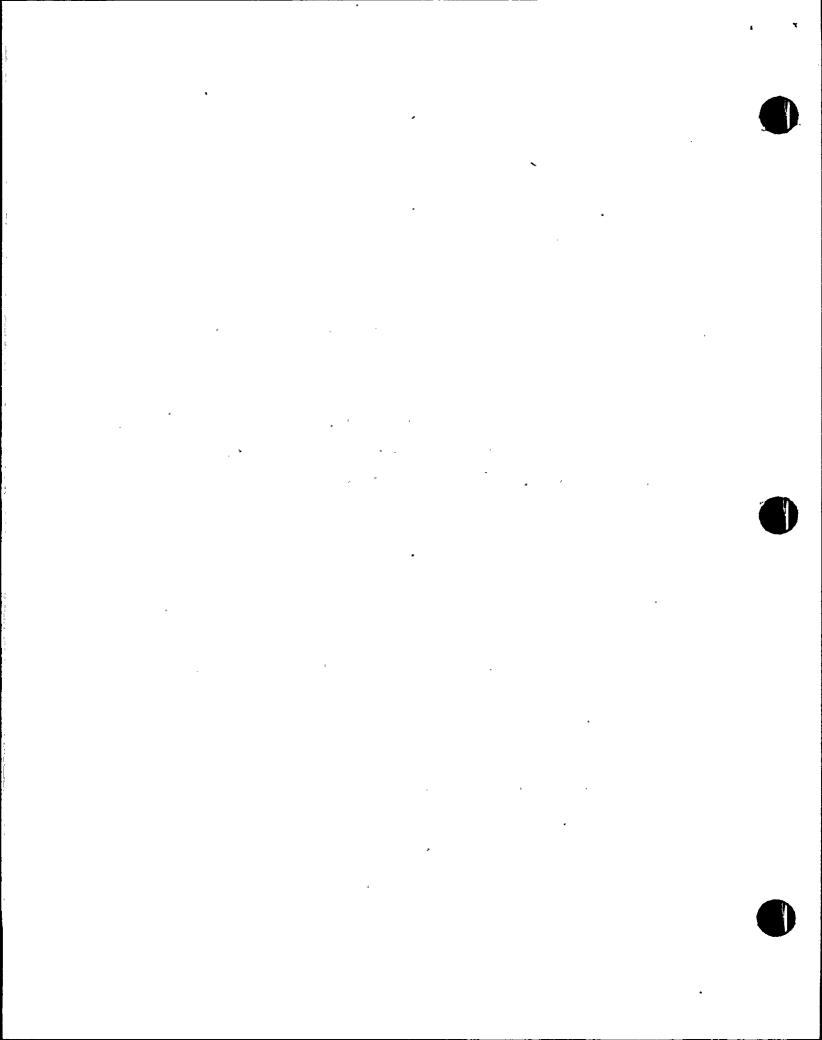
Each of the above systems should be analyzed and a brief discussion should explain how the system was addressed or why it was excluded from the report. For example: "Reactor Protection System - This is a valid system designation at Turkey Point 3 plant; however, the input signals to this system are obtained from various components in other systems that are included in this report."

3.2 Service Conditions

The service condition accident environment, HELB/LOCA inside containment and HELB outside containment are indicated or discussed in the licensee's report and are based on the FSAR accident analysis.

3.3 Qualification Documentation

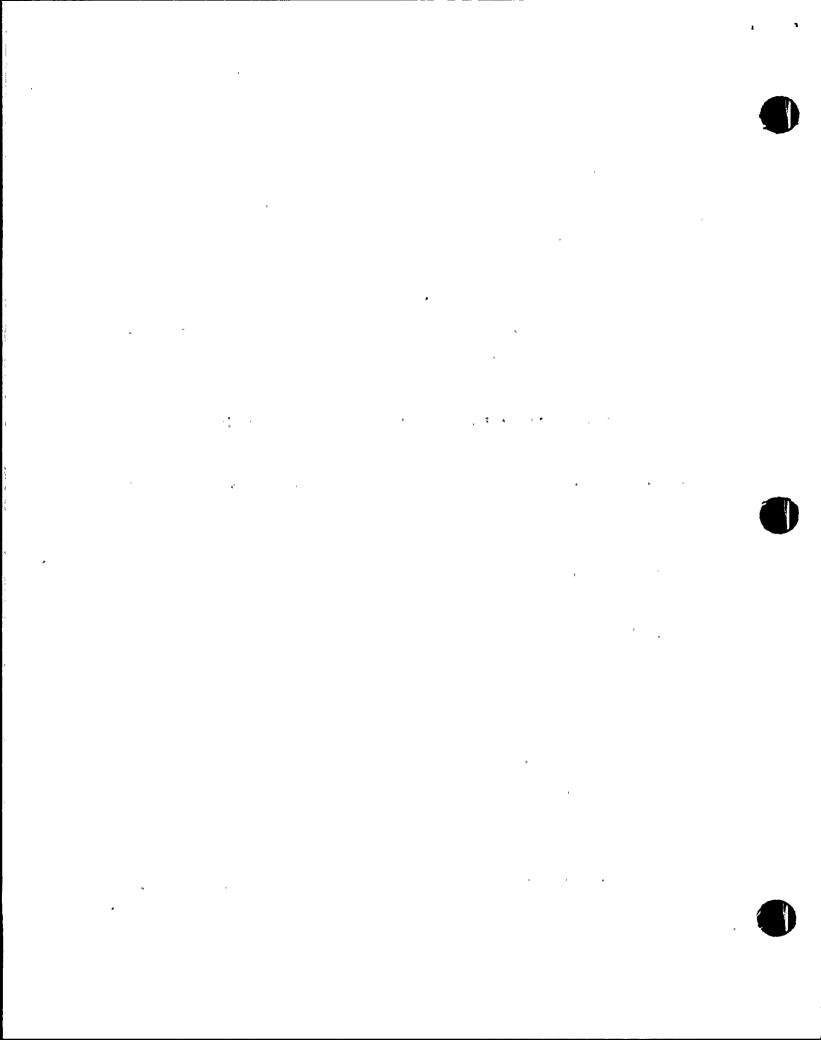
Attachment 3 is list of documents (test reports, analysis, letters, etc.) used by the licensee in determining the environmental qualification of plant equipment for Turkey Point. These references have been tabulated by the licensee and are indicated on the applicable CES of their report.



EQUIPMENT DATA REVIEW

- 4.1 Equipment that is considered to meet IEB 79-01B requirements are categorized as 1 in the last column of Attachment 1.
- 4.2 Equipment whose qualified life (Aging) is less than the life of the plant is categorized as 2 in the last column of Attachment 1.
- 4.3 The licensee has identified specific equipment which has been or is being replaced, modified or relocated as a result of their IEB 79-01B efforts. This equipment is categorized as 3 in the last column of Attachment 1.
- 4.4. Equipment whose qualification is unresolved (such as, a qualification record search is still in process, tests are scheduled to determine qualification, additional information is needed by the NRC reviewer to satisfy him that equipment is qualified, etc.) is categorized as 4 in the last column of Attachment 1.
- 4.5 Equipment that the licensee has identified as not being capable of meeting environmental qualification requirements for service intended required a "Licensee Event Report" (LER).

No LER's with regard to IEB 79-01B actions were received in Region II.



4.6 Equipment whose qualification (Aging exempted to a certain degree - see DOR guideline Section 4) is unresolved, as identified by the licensee is listed in Attachment 4 as Outstanding Items.

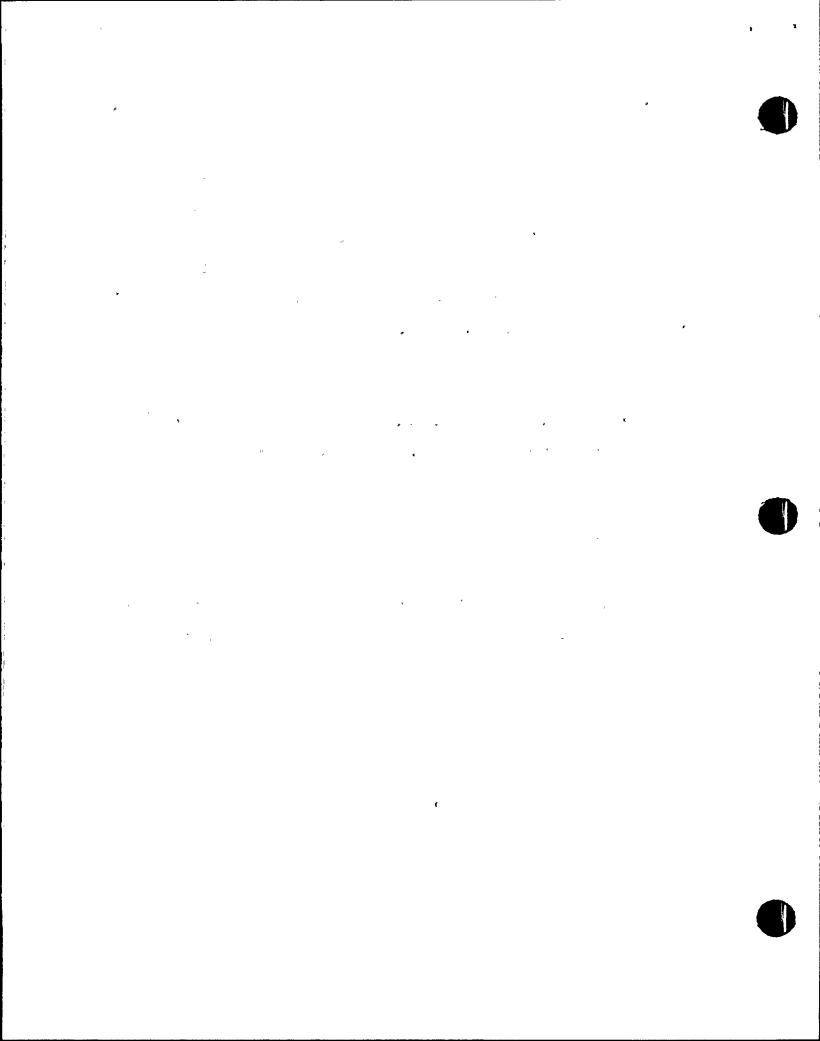
The licensee has provided justification for continued plant operation for many, if not all, of these outstanding items in their report. In many cases, this is provided on their CES or in a special section of the report. In some cases the licensee states that this justification is by Engineering Analysis that are available at their office.

4.7 No differences were noted between the data obtained during the on-site inspection and the data listed on the CES of the licensee report.

Equipment that was examined during the on-site field inspection are identified by an asterisk (*) in Attachment 1.

5. CONCLUSIONS

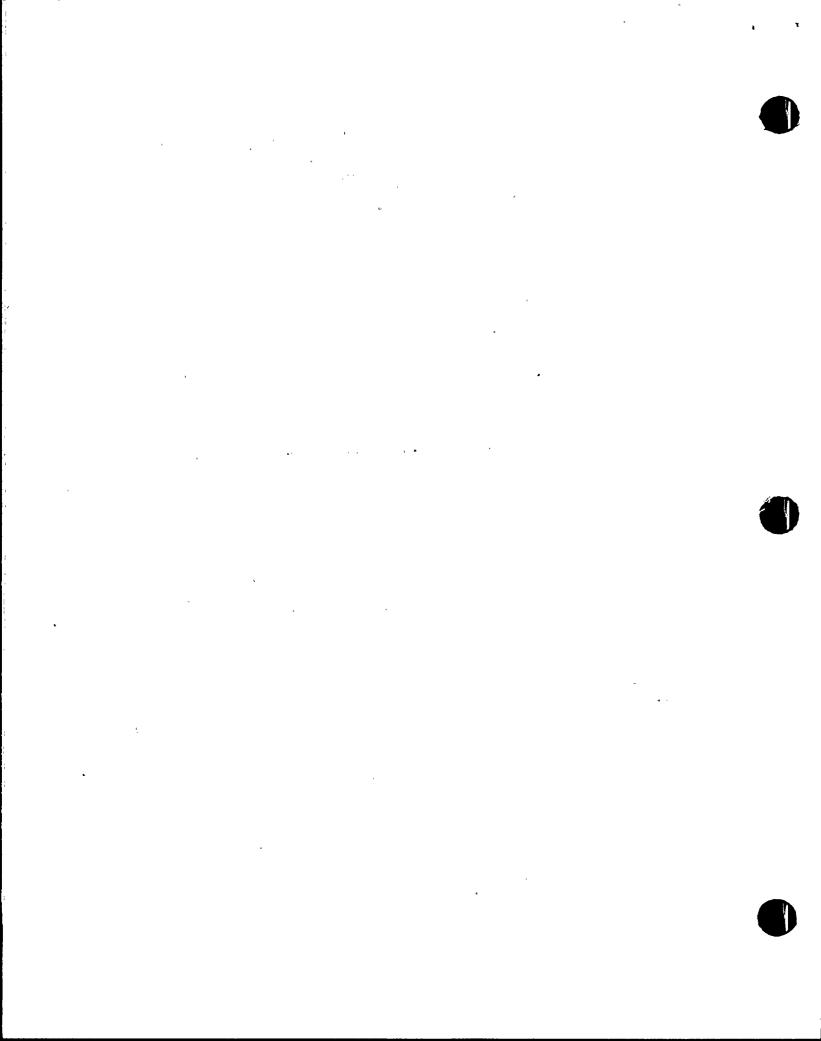
Due to the time constraints imposed by the Commission Memo and Order of 5/28/80 this evaluation is based on the licensee submittal dated July 3, 1980. This licensee's report does not address all items that may be pertinent to Turkey Point 3 plant as a result of a bulletin supplement issued on 9/30/80. This bulletin supplement, in the form of Generic Questions and Answers, was the result of regional meetings with licensees during the week of July 13, 1980. Any additional information received as a result of this supplement will be evaluated by the EQB of NRR.



The licenssee's actions meet the requirements of the Commission Memo and Order of 5/28/80 and justification for continued plant operation with many of the components that have unresolved qualification items is indicated in Section 4.6. Based on the information available, the Region II reviewer considers that the justification is commensurate for the areas identified, that the proposed corrective action meets requirements of the Commission Memo and Order of 5/28/80, and therefore, plant operation can continue until these items are resolved as committed to by the licensee.

This evaluation is based on the on-site inspections, the information supplied by the licensee in their submittal, their FSAR, and the assumption that the Qualification Documents (Test Reports, Analysis, Letter, etc.) are acceptable.

The results of this evaluation does not necessarily imply that the equipment in unreliable, unsafe or represents a significant safety issue; it does imply that additional information is required. This is indicated by the applicable categorization indicated in the last column of Attachment 1.



SYSTEM Reactor Cuplent 3: 50-252

ATTACHMENT 1 FOR IEB 79-01B TER

PAGE _ / _ OF _ 2

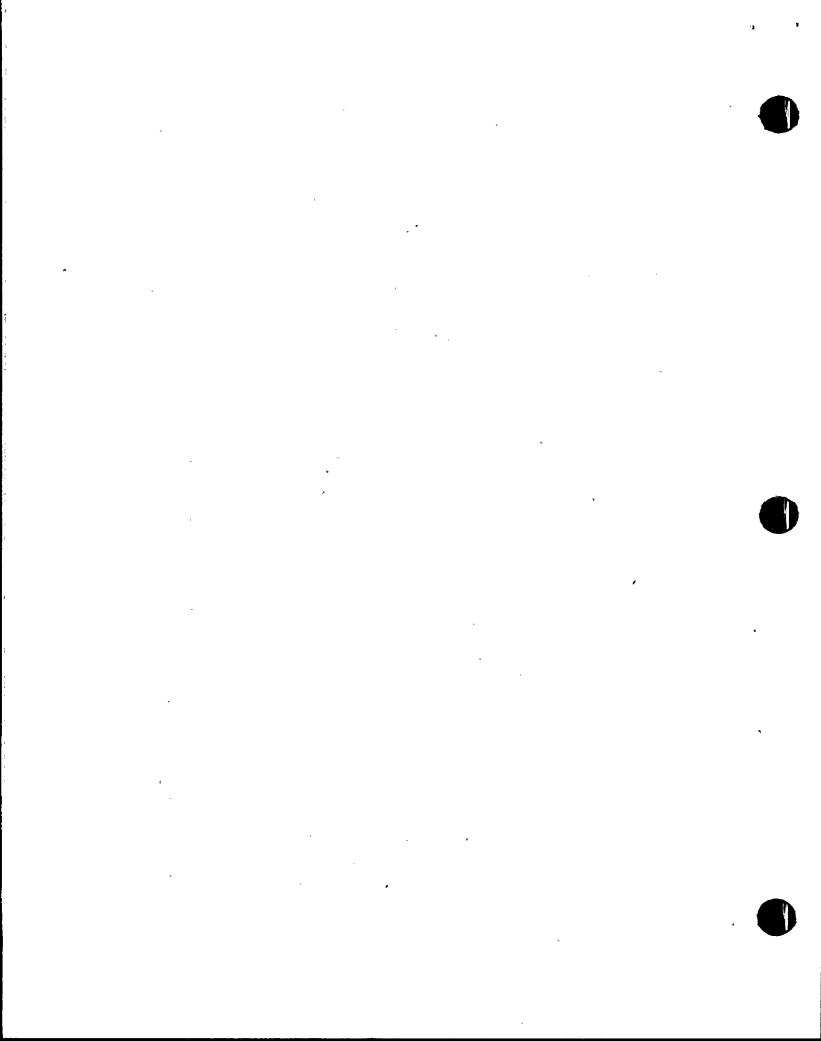
ces.	Equip.	Generic Name	Accid. Profile	Qual. Profile	Radiati Conta	on Qual. Inment	Qual.	Chem.	Accur.	Subm.	Licensee	Action	Outstanding Items	Category
Page No.	I. D.	Name	PIOLITE	FIOTILE	Inside	Outside	Hethod	Spray			Replace	Relocate	Identified by	Items
1-1		PT	سد	212	24		2	P	6	. <u>B</u>	yes	yes_	4	2,36
1-2	PT- 3 -	PT	-	46.	1		سد	-	6	B	' -	Yes	1. R	346.6
1-3	PT. 3-	PT	ب	46.	سد		4.6.	4	6	B	-	Yes	L, R	3.4.b., 6
1-4	PT-3-	PT	~	46	~		4.6	V	6	B	_	y-es	L.R	3.46. 6
1-9	PT-3.	PT	L	P	P			P	6				R	6
1-10	PT- 3- 450	PT	~	P	P		يد ا	P	6	-			R	6
111	PT- 2 -	PT.		P	P	·	سد	72	6	سه			R	6
1-15	LT-3-	LT	714	P	P	*****	-	P	6	4-	Yes	_	4	3
1-16		IT	UL	P	P	1	4	·P	6	-	1.05		4	3
1-17	LT-3-	LT	212	P	P		~	10	6	-	405		4	3
1-21	TE-3 4128	TE		P	P		4.6	P	6	-				6.46.
1-22	TE-3- 412 D	TE	~	P	P	-	4.6	/>	6	in.	9000			646
1-23	15-3- 422 B	TE	س	P	P		4.6	P	6	-		-	-	6, 4.6,

Code:

- B = Indicates the item is below the flood level
- or S = Indicates the item is Satisfactory
- or N = Indicates the item is Not Applicable
 - UL = Indicates the item is Unresolved, Licensee identified
 - P Proprietary
 - L Licensee identified
 - R = Reviewer identified
 - 1 Equipment is qualified
 - 2 Aging is less than life of plant with licensee indicating periodic replacement

- 3 = Equipment requires modification (resolution, shielding, etc.)
- 4 Qualification of equipment unresolved
 - a) Testing schedule but not complete
 - b) Reviewer needs additional information
 - c) Qual. Record search still in process
- 5 Equipment not qualified
- 6 Item identified to EQB for resolution

REVIEWER Office DATE -2-3-50;



FACILITY Turkey Point 3; 50-250 SYSTEH Reactor Coplant

ATTACHMENT 1 FOR 1EB 79-01B TER

PAGE 2 OF 2

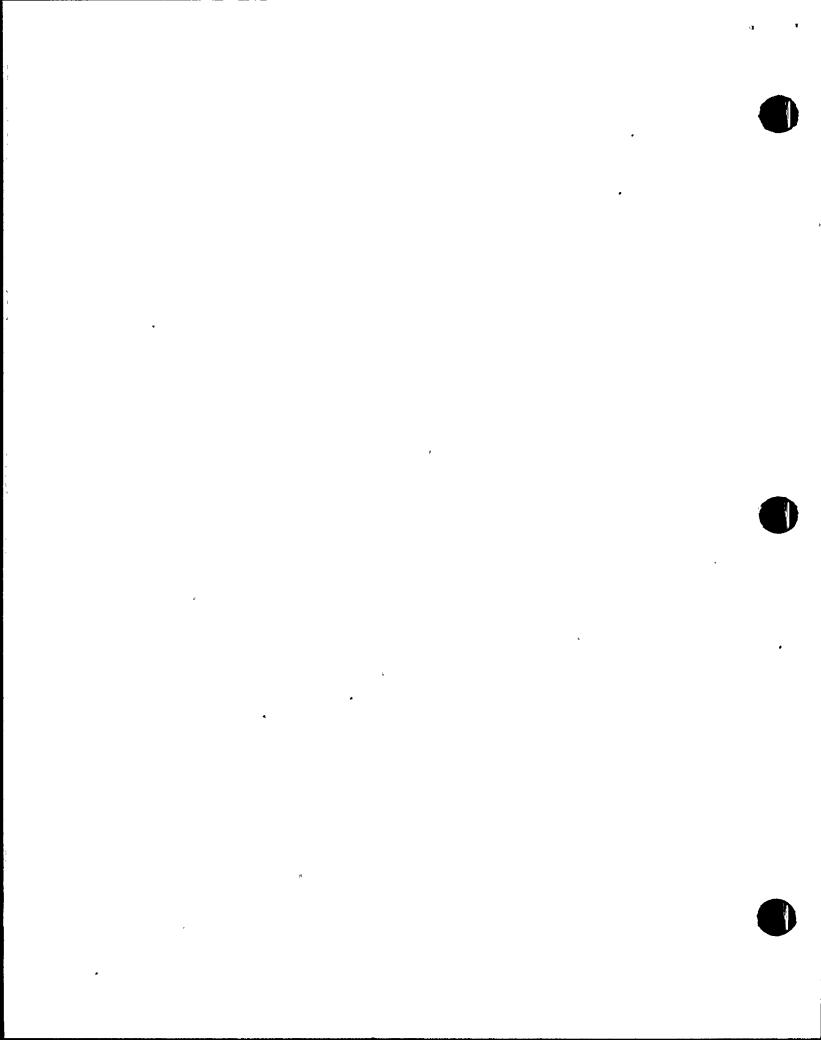
CES.	Equip.	Generic Name	Accid. Profile	Qual. Profile	Radiati Conta	on Qual. Inment	Qual.	Chem.	Accur.	Subm.	Licensee A	lction	Outstanding Items	Category
Page No.	I. D.	Name	FIOLITE		Inside	Outside	Hethod	Spray			Replace	Relocate	Identified by	Items
1-24	TE-3- 422D	TE	~	P	P	_	4.6.	P	6			_		6.46
1-25	TE-3- 432B	TE	-	P	P	_	4,1	P	6	-		_		6.46.
	TE-3- 4320	TE	u	P	P	-	4,6	P	6	-			_	6.46
1-33	535	MOV	4	P	P	-		P		1	_		-	ĺ
1-34	563	MOV	~	P	P	-		P		-				1
1.37	410	TE	1	P	Р	-	4.1	P	6	-			1	6.46
1-38	413	TE		P	P		4.6	P	6	-		_	-	6.46
1-39	420	TE	-	P	P	J	4.6	P	6	-		-	-	46.6
1-40	423	TE	1	P	P	-	4.6	P	6	1	-	- ,		46, 6
1-4/1	430	TE	٢	P	P		4.5	P	6	-	-			41,6
1-42	433	TE	4	P	P		46	حر	6	4			483- /	46 6
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REVIEWER ARM DATE 10/8/80



SYSTEM Chem Volume Coptrol

ATTACHMENT 1 FOR IEB 79-01B TER

PAGE __/__ OF _______

CES.	Equip.	Generic Name	Accid. Profile	Qual. Profile	Radiati	on Qual.	Qual.	Chem.	Accur.	Subm.	Licensee	Action	Outstanding Items	Category
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2-1	310A	51									V.e.5	_	1	3
2-2	3/DA	Lt:Sw				_			-	-	Ves		2	3
2-3	3100	5 V .				-			_	B	V-45	VAS	1	3
2-4	CV-3 BIUB	Lt5w				-				\mathcal{B}	Ves	1405	4-	3
2-9	200 A	5 V				_			_	B	V.45	_ tr	7	3. #
2-10	200A	4.54							-	B	11.25	#	2	3 #
2-11	51-3 200 B	SV							-	3	Ves	#	L	3. #
2-12	200B	125w							-	В	1/25	<i>#</i>	4	3. #
2-13	300C	5V				-			-	B	V-15	#	4	3. #
2-14	200C	24.5W				-				В	413	#	2	3, #
2-21		Elec Phal Xducer		-	-	~	~	•			_	-	<u>_</u>	2
2-22	HCV-3-	LESN	1	_			سن							/
2-25	SV-100	5V			-	2-	2			-		-	2	2

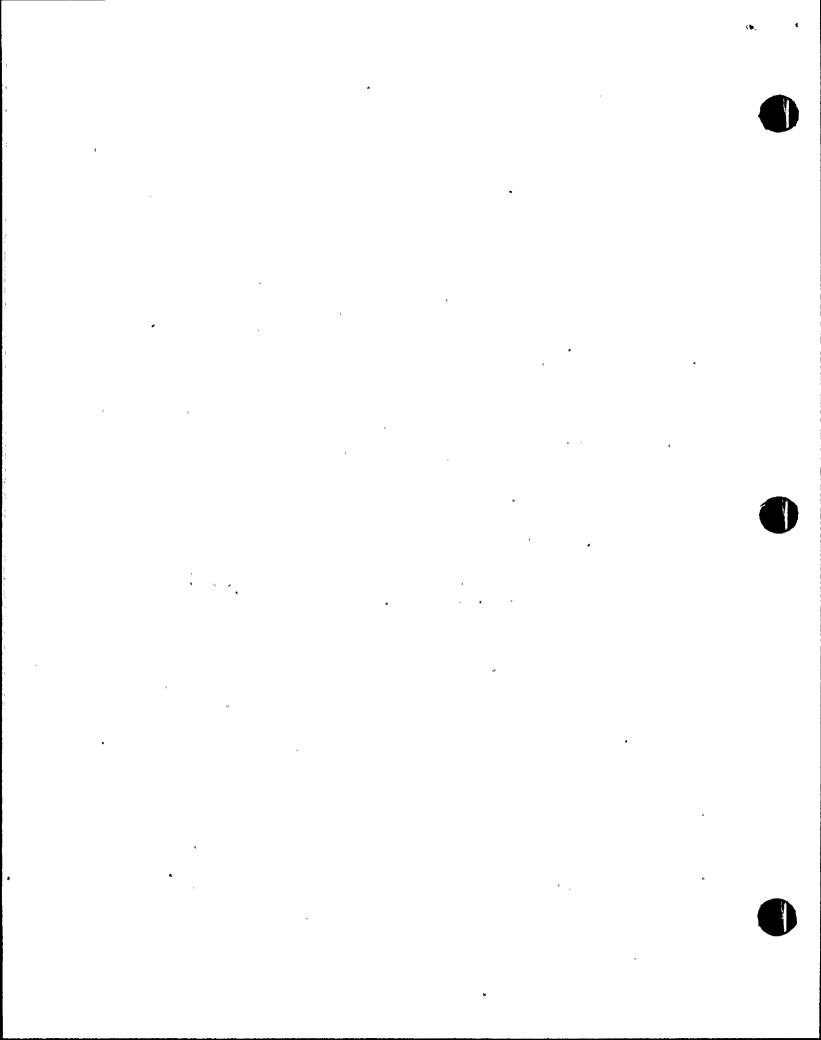
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REVIEWER ON DATE 10/180



FACILITY Turkey Point 3; 50-250 SYSTEH Chem Volume Control

ATTACHMENT I FOR IEB 79-01B TER

PAGE 2 OF 3

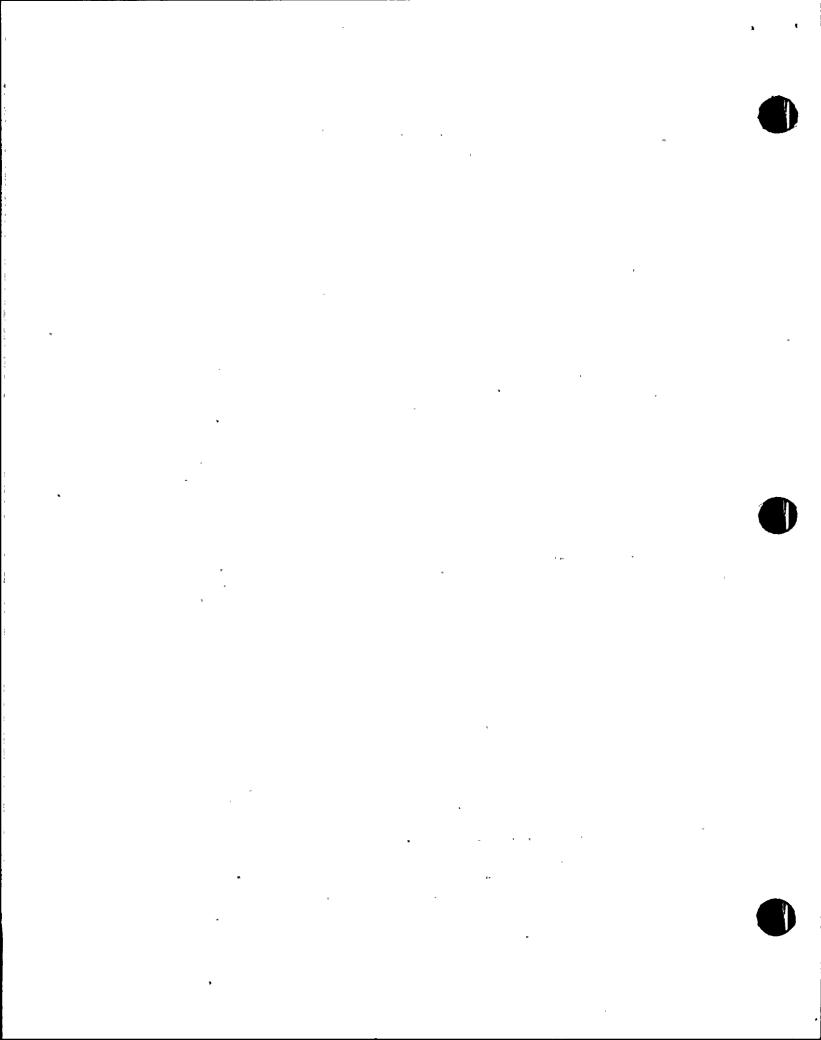
CES.	Equip.	Generic	Accid. Profile	Qual. Profile	Radiati	on Qual. Inment	Qual.	Chem.	Accur.	Subm.	Licenses	Action	Outstanding Items	Category
Page No.	I. D.	Name	LIOITIE	2	Inside	Outside	Hethod	Spray			Replace	Relocate	Identified by	Items
2-26	TIC-	cont.					~		6	. — .			4	2.6
2-27	161	Cont.				ت			6	-			2	2.6
2-28	FT-3.	FT				~	سد		4				aum.	6
2-30	3.P201	Mtr	1			~				-			_	1
2-31	3-1/20/A		- -	_	_	en	d.		_	_			4	2
2-32	20/1		-		-	4	-		6	_	_	1	4	2.6
2.33	3- P20/8	Mtx			 -	-	2-	.	-			-		1
2-34	3 42 118		-	-		4-	نسر.			_		-	4	2
2-35	PS-3-	P. Sw	1	-	-	4	مد	1	6		_		۷.	2,6
2-36	3-iola	Mtr	~	~		٠	4					-	~-	/
1	3N201C					~	سد		- '	_				2
2-38	PS-3-	1		_	-	L	2		6	_				2, 6
2-48	3-034				-	u	~					_		

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REVIEWER CALLED DATE 16/1/50



FAULLITY Turkey Point 3: 50-250 SYSTEM Chem Volume Central

ATTACHMENT 1 FOR IEB 79-01B TER

PAGE <u>3</u> OF <u>3</u>

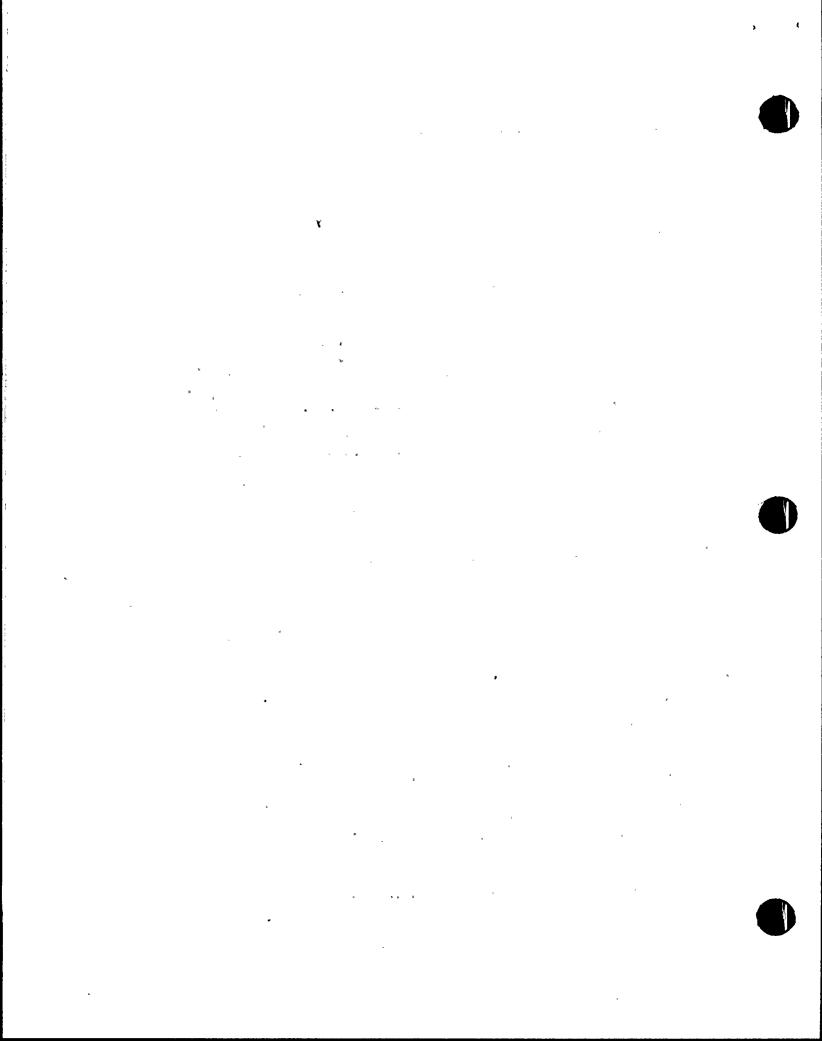
CES.	Equip.	Generic Name	Accid. Profile	Qual. Profile	Radiati Conta	on Qual.	Qual.	Chem.	Accur.	Subm.	Licensee	Action	Outstanding Items	Category
Page No.	I. D.			Frontie	Inside	Outside	Hethod	Spray		<u> </u>	Replace	Relocate	Identified by	Items
2-49	3N203A	Start.	_	_			-	_		-		_	4	2
0. 5D ·	ه دوره	446	J				2					-		/
2-51	342038	Sto Carrie		_		2-	4						4	2
2.56	T204		-		-	4				-	^		- ·	1
2-57	Naob	JA CAN			_		-				******		4	2
2-58	40V-3.	MOV	_		_	-	20	-				_		1
2-60	FT-3-	FT		-		~	-						۷	2
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REVIEWER ANALY DATE 10/10/20



SYSTEM Safety Injection + Rosidua / Hoat Rimone

ATTACHMENT 1 FOR IEB 79-01B TER

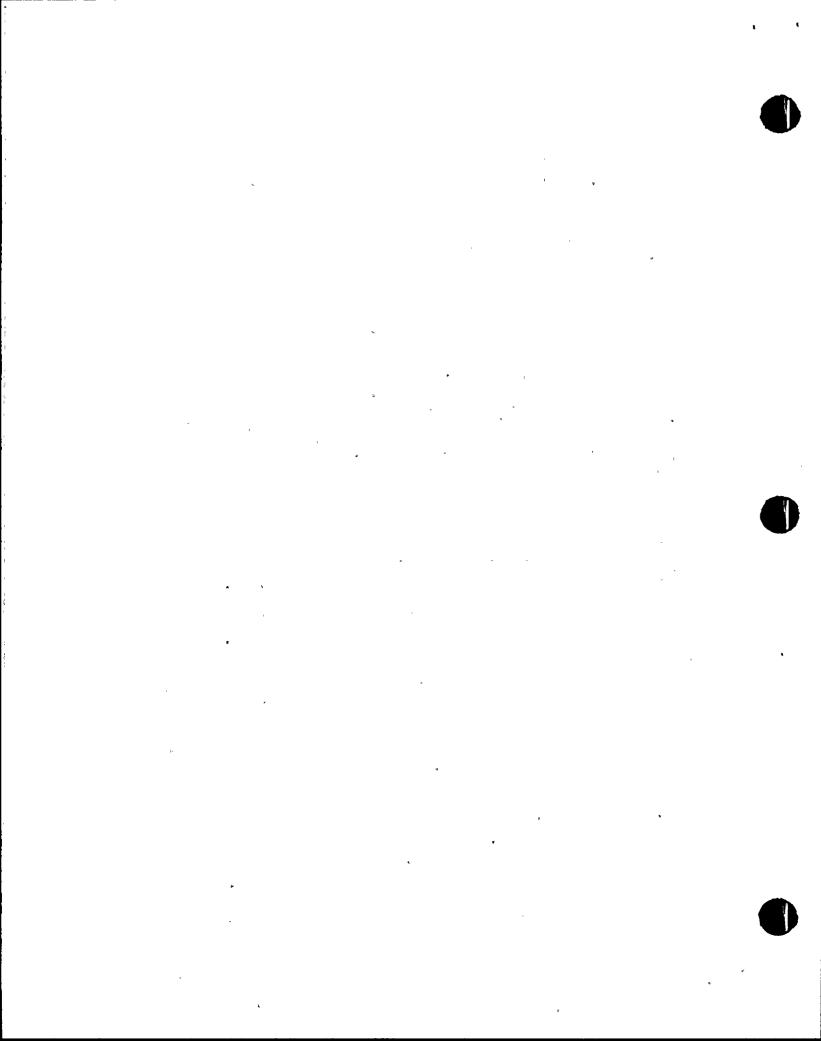
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CES.	Equip.	Generic Name	Accid. Profile	Qual. Profile	Radiați Conta	on Qual. Inment	Qual.	Chem.	Accur.	Subm.	Licensee	Action	Outstanding Items	Category
Page No.	I. D.	Kame	1101116	•	Inside	Outside	Hethod	Spray			Replace	Relocate	Identified by	Items
3-1	PT-3- 940	T		-	_	~	-		6	. —	_			2,6
3-3	PT-3-	T	-				4		6		_	_	-	26
3.5	FT-3- 940	7	_		-	-	-	-	6	_		-	_	26
3-6	FT-3- 943	ナ		•		-	~	_	6		-	_	_	2.6
3-9	FT-3- 932	ナ		-			-		6	B	-	ves	4	3.6
2-10	FT-3- 933	T	ب				سد	-	6	3	- 4	1/05	4	3,6
3-13	FT-3-	T	•			-	-		6			/_	-	2.6
3-17	3P 2/0 A	Mtr		-	1	-	<u>س</u>	-	-	_		1		1
3-18	3P210B	Mtr	-	_	-	-	~	_		_	_	_		7
3-21	91V-3-	ルリン		P	P		46	P	1	_	~	-		46.
3-23	MIV-3 7448	עט אג	_	P	P		46	P		_				4b.
3-25	110V-3- 750	MOV	1	4.b.P	-	-	46	P	1	-	_	-		4.5
3-26	MOV-3-	mov		4b., P	-	-	46	P		_		_	-	У.b.

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ATTACHMENT 1 FOR IEB 79-01B TER

CES.	Equip.	Generic		Qual.	Radiati Conta	on Qual. Inment	Qual.	Chem.	Accur.	Subm.	Licensee	Action	Outstanding Items	Category
Page No.	I. D.	Name	Profile	Profile	Inside .	Outside	Hethod	Spray	<u> </u>	<u> </u>	Replace	Relocate	Identified by	Items
3-29	MIV-3- 843 A	MOV				4	4	-	_	. –				1
7.30	843B	I M BU			_	-	-						-	/
3-33	3 P215A	Mtz				-	سد		_	_		_		1
3-34	3P215B	mナレ	-			<u></u> -	-	-			*****		••••	1
3-37	3P214A	Mtz		_			-				-			1
	3P214B				_	-	-							1
3.39	MOV-3- 860A	MOV		_	_	P	4		-			2004 6	-	1
3-4/0	MOV-3- 8608			-	1	P	~	-		-				1
3-43	MOV-3-	MUV		-		P	1						,,,,,,	1
3-44	1111.3- 8638	MUY			-	P	سس			_				/
3-47	MOV-3 866A	MOV	سد	P	P	-	46	P		_				46
3-48	MOV-3- 866-8	MOV	سد.	P	P	•	46	P	-		_			46
3-51	MIV-3- 847H					P	-				,			1

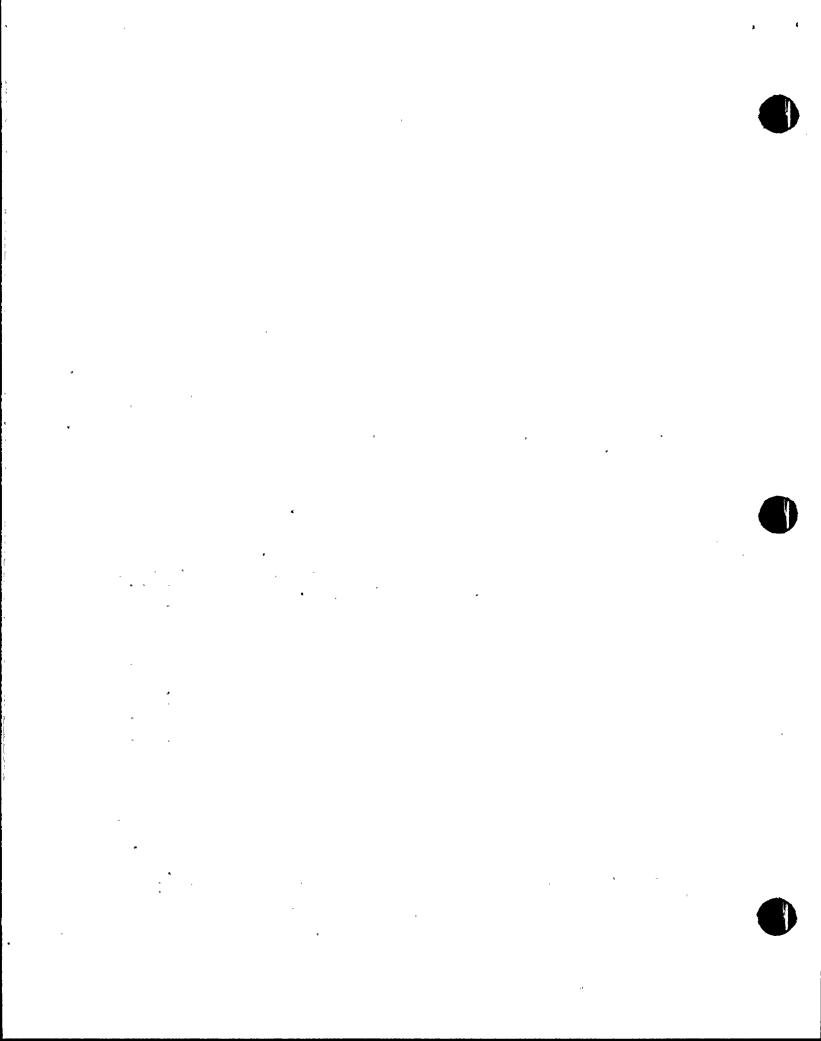
Code:

- B = Indicates the item is below the flood level
- For S = Indicates the item is Satisfactory
- or N = Indicates the item is Not Applicable
 - UL Indicates the item is Unresolved, Licensee identified
 - P = Proprietary
 - L = Licensee identified
 - R = Reviewer identified
 - 1 = Equipment is qualified

 - 2 Aging is less than life of plant with licensee indicating periodic replacement

- 3 = Equipment requires modification (resolution, shielding, etc.)
- 4 Qualification of equipment unresolved
 - a) Testing schedule but not complete
 - b) Reviewer needs additional information
 - c) Qual. Record search still in process
- 5 = Equipment not qualified
- 6 Item identified to EQB for resolution

12011 DATE 10/20/80



ATTACHMENT I FOR 1EB 79-01B TER

PAGE 3 07 41

CES.	Equip. I. D.	Generic Name	Accid. Profile	Qual. Profile	Radiation Conta	n Qual. Inment	Qual.	Chem.	Accur.	Subm.	Licenses A	ction	Outstanding Items	Category of
Page No.	j. D.	USEC	7101116	1101110	Inside	Outside	Hathod	Spray]	Replace	Relocate	Identified by	Items
1 1	MOV-3-	Mov	-	1		P	4	1	}				- .	.1
3.57	867B MOV	MIDD				سد	~			_				,
3.55	878 A	MOV								 	<u> </u>		ļ	
3-56	110V- 878B	MOV		_	_	P	-	-	,	_	g.a			1
3-57	MOV-3- 880 A		_	_		P	-	-	_	_	_	_		1
	MOV-3-		_	_	_	P	-	-	_	_				1
3-28	8808		 	 	 	 		 		 	 			
3-61	MIV-3- 869	MOV				P	1			_				1
3-63	MOV-3 872	MUV		-	_	P	-	-		-		_		1
3.65	PC-3-	c	_	_	_	-	-	_	6				_	26
	PC-3-			_	_			_	6				_	
3-66	601	<u> c </u>		 	 	 	┼	 	0	 	 	- 	 	26
3-69	PC- 957A	2	_	_		-	2.	-	6					26
3-70	Pc - 9578	C	_		940-75	dar-	2.		6		•••			36
2.70	PC	 	-	 	 	 	 	 		 	- -	 	· 	7 5
3-7/	9570	2				2.	da		6					26

REVIEWER STATE DATE 10/21/80

B . Indicates the item is below the flood level

For S = Indicates the item is Satisfactory

⁻ or N - Indicates the Item is Not Applicable

UL - Indicates the item is Unresolved, Licenses identified

P - Proprietary

L - Licensee identified

R - Reviewer identified

^{1 -} Equipment is qualified

^{2 -} Aging is less than life of plant with licenses indicating periodic replacement

^{3 =} Equipment requires modification (resolution, shielding, etc.)

^{4 -} Qualification of equipment unresolved

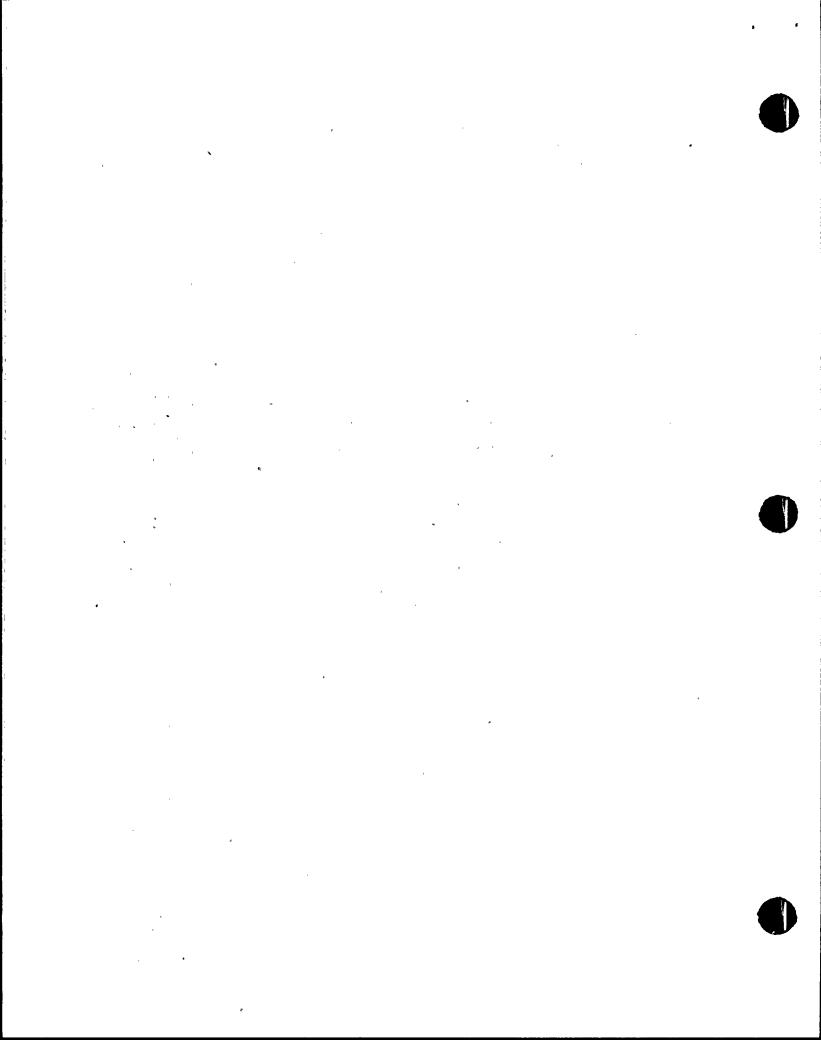
a) Testing schedule but not complete

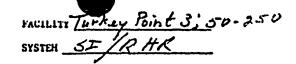
b) Reviewer needs additional information

c) Qual. Record search still in process

^{5 -} Equipment not qualified

^{6 -} Item identified to EQB for resolution





ATTACHMENT 1 FOR 1EB 79-01B TER

PAGE / OF /

CES. Page	Equip. I. D.	Generic Name	Accid. Profile	Qual. Profile	Kadiat!	on Qual. Inment	Qual. Hethod	Chem. Spray	Accur.	Subm.	Licenses	Action	Outstanding.	Category
No.	'				Inside	Outside	nethod	Spray			Replace	Relocate	Identified by	Items
3.72	PC - 957	D		_		-	~		6					26
3-73	1570	15	~							B	1/.15	Y-0.5	L	3
2-74	15-3-	25		, 1		-				B	Y.15	Y 9 3	1	3
<u> </u>		cont		_		ı				_	_	<u> </u>	~	12
3.78	27/50	Cont		_			-			_				12
3-81	243,44	consta.	4			-	اسدار	-	-		4.4	-		12
3.82	2N214B	contite.	_	_		- dur	g.m.	_		•~	-	_	way have	1.2
3-85	343108	eonties	-		_	-	-	_	_	_				1,2
3-86	34210B	cists.	-		_	-	4-		••		e-4 *			1,2
	p-													
r												 		

B - Indicates the item is below the flood level

For S = Indicates the Item is Satisfactory

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1 - Equipment is qualified

2 - Aging is less than life of plant with licensee indicating periodic replacement

3 = Equipment requires modification (resolution, shielding, etc.)

4 - Qualification of equipment unresolved

a) Testing schedule but not complete

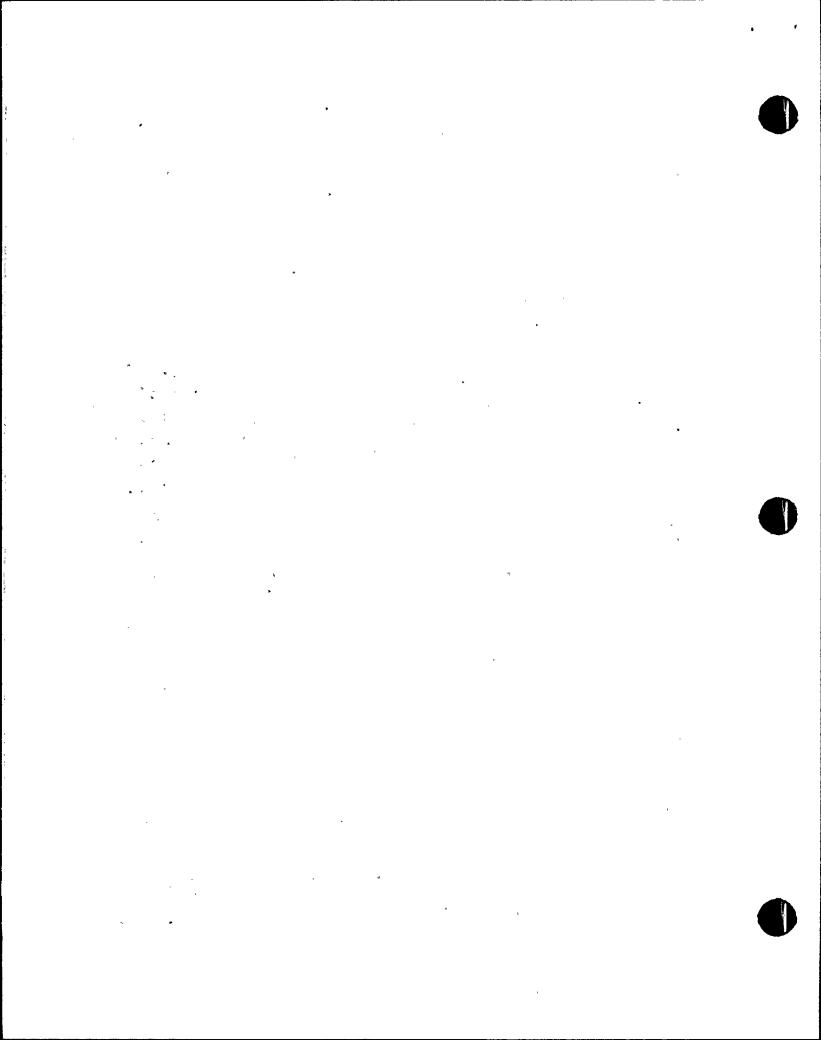
b) Reviewer needs additional information

c) Qual. Record search still in process

5 = Equipment not qualified

6 - Item identified to EQB for resolution

REVIEWER A. Roff DATE 10/34/80



SYSTEM Component Cooling Water

ATTACHMENT I FOR 1EB 79-01B TER

ſ	CES. Page	Equip. I. D.	Generic Name	Accid. Profile	Qual. Profile	Radiatio	on Qual. Inment	Qual. Hethod	Chem.	Accur.	Subm.	Licenses A	ction	Outstanding Items	Category
L	No.	;	Mand			Inside	Outside	netnoa	Spray			Replace	Relocate	Identified by	Itens
*	4-1	SV-3-	5V	1	-		V	~	1	-					1,2
I		SV-3- 2921	5 <i>V</i>	-			-		,		<u>.</u> .	-			1,2
×	4.3	51-3- 2922	5V	_			-	-	_						1,2
	4-7	5V-3-	5V				-	2		-			-	-	1,2
	4-8	5V-3-	5V	-			~	<i></i>			_				1,2
	4-9	51-3- 2925	5V			_	-				_				1,2
*	4-13	5V-3- 2810	5V		_		-	2-	_						1,2
*	4-14	CV-3 28/0	2t5w		-	-	-		_	_	 .	-		-	1.2.
*	4-15	5V-3 -	SV				-	~							درا
×	4-16	CV-3- 2812	2± Sw	_	_	_	-	۷.		بيغيو					1,2
*	4-17	51-3- 2814		_	_		-	4-							1,2
*	4-18 Code:	CV-3-	2+5m		_	_	4	2			~-	,		_	1,2

B . Indicates the item is below the flood level

For S - Indicates the Item is Satisfactory

- or N - Indicates the item is Not Applicable UL - Indicates the item is Unresolved, Licensee identified

P - Proprietary

L - Licensee identified

R - Reviewer identified

1 - Equipment is qualified 2 - Aging is less than life of plant with licenses indicating periodic replacement

3 - Equipment requires modification (resolution, shielding, etc.)

4 - Qualification of equipment unresolved

a) Testing schedule but not complete

b) Reviewer needs additional information

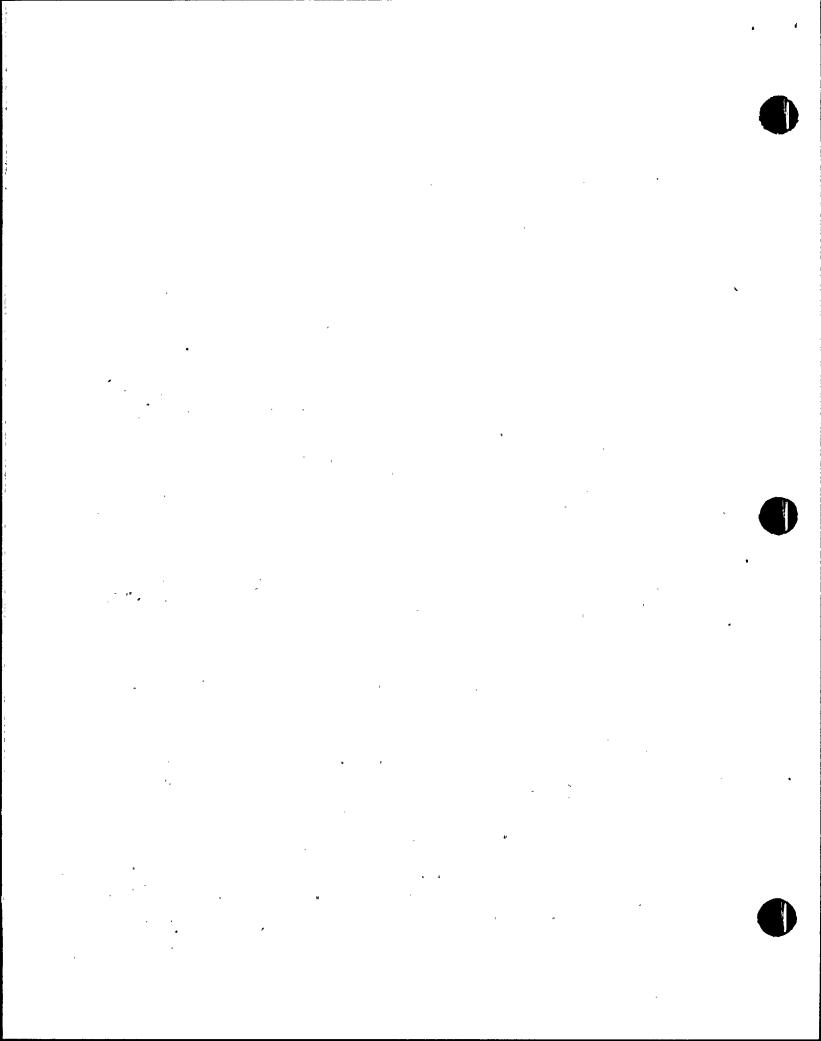
c) Qual. Record search still in process

5 - Equipment not qualified

6 - Item identified to EQB for resolution

* solut during held it you is

REVIEWER A PART DATE 10-21-50



SYSTEM Component Cooling Water

ATTACHMENT I FOR IEB 79-01B TER

PAGE 2 07 2

	CES. Page	Equip. I. D.	Generic Name	Accid. Profile	Qual. Profile	Radiati	ingual.	Qual. Hethod	Chem. Spray	Accur.	Subm.	Licenses	Action	Outstanding Items	Category
	No.	1				Inside	Outside	Bethou	Spray			Replace	Relocate	Identified by	Items
*	4-25		Mtr		_	_	~					_			1
*	4-26	s Pall B	Mtr		_		سد	d	-			••••			1
*	4-27	3P211C	mtr	,	_	`)		-		_					1
*	428	34311A	cont.				e	J				april 1			1
*	4-29	3H 211 B	cont.a.	_	-	_	-	Lan			_	_		-	1
*	4-30	343110	contita				~	سسا							1
*	4-37	FT-3- 613A	1				-	2							<i>1,2</i>
*	4-39	FT-3- 6/38	7	_	_	-			_	٠				-	1,2
¥ .	4.41-	PC-3- 611	ے	~	-	-	-	4	-		_	_			1,2
				-											100
													 		
•	Code:	 	 	 		 		<u> </u>	L		<u> </u>	<u></u>	<u> </u>		

B - Indicates the item is below the flood level

For S = Indicates the item is Satisfactory

- or N = Indicates the item is Not Applicable

UL - Indicates the item is Unresolved, Licenses identified

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R - Reviewer identified

1 - Equipment is qualified

2 - Aging is less than life of plant with licensee indicating periodic replacement 3 - Equipment requires modification (resolution, shielding, etc.)

4 - Qualification of equipment unresolved

a) Testing schedule but not complete

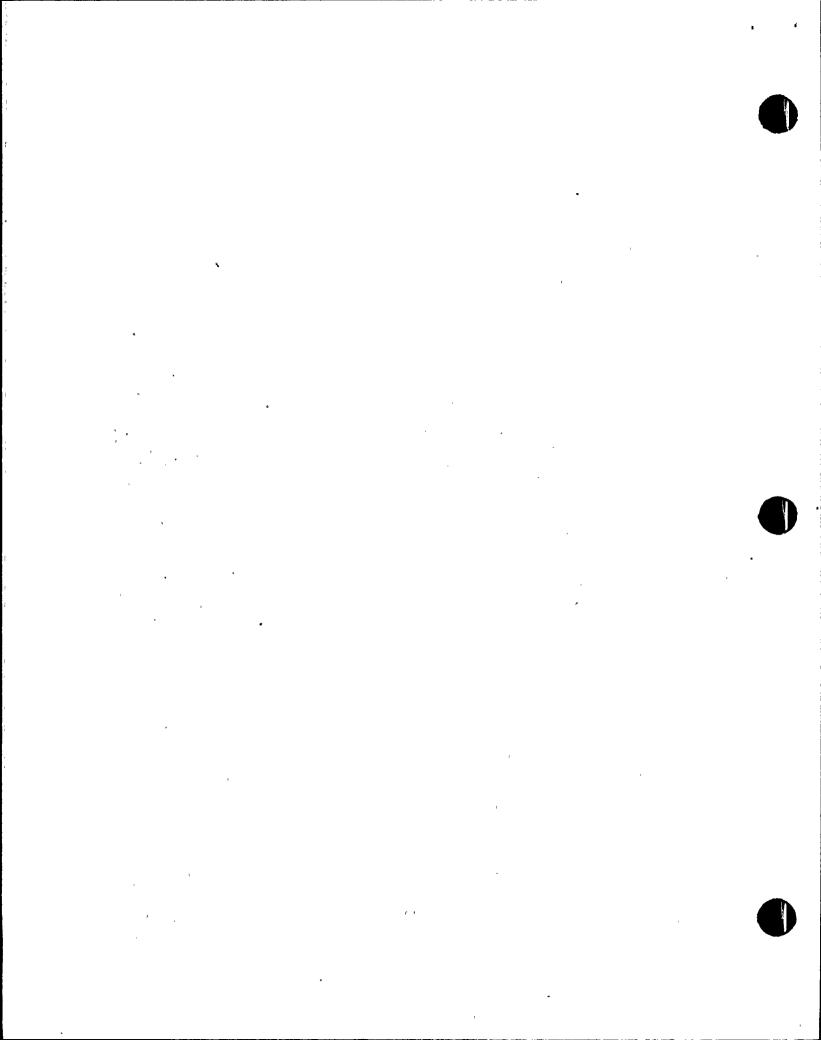
b) Reviewer needs additional information

c) Qual. Record search still in process

5 - Equipment not qualified

6 - Item identified to EQB for resolution

* sited during field maps for



FAULLITY Turkey Point 3: 50-250
SYSTEM Main Steam

ATTACHHENT I FOR 1EB 79-01B TER

CES.	Equip. 1. D.	Generic Name	Accid. Profile	Qual. Profile	Radiati Conta	on Qual. Inment	Qual.	Chem.	Accur.	Subm.	Licenses	Action	Outstanding Items	Category
Page No.	;		101116		Inside	Outside '	Hethod	Spray			Replace	Relocate	Identified by	Itens
5-1	PT-3- 474	T	~	P	_		~							1,2
5-2	PT-3- 475	T		P	_		-							1,2
5-3	PT-3- 476	T	~	P			2-			_				1,2
5-4	PT-3- 484	T	~	P	_		2	_		_		_		1,2
5-5	PT-3- 485	T	-	P	_		2	_						1,2
5-6	PT-3- 486	T	4	P	_		_			_		_		12
5-7	PT-3-	丁	بد ا	P	_		-	_					_	1,2
5-8	PT-3-	•	-	P			2-	_		_	n			1,2
5-9	PT-3-	+	-	P	-	<u></u>	-	-		_	_			1,2
5-19	PT-3-	T	ب	P			-	_	_		_	_		1,2
5-20	PT-3-	T	-	P		-	-	-	-	_		-	_	1,2
5-21 Code:	PT-3 468	7	-	P	-	_	4	-	-	-			-	1,2

B - Indicates the item is below the flood level

For S - Indicates the Item is Satisfactory - or N - Indicates the item is Not Applicable

UL - Indicates the item is Unresolved, Licenses identified

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1 - Equipment is qualified

2 - Aging is less than life of plant with licensee Indicating periodic replacement

3 - Equipment requires modification (resolution, shielding, etc.)

4 - Qualification of equipment unresolved

a) Testing schedule but not complete

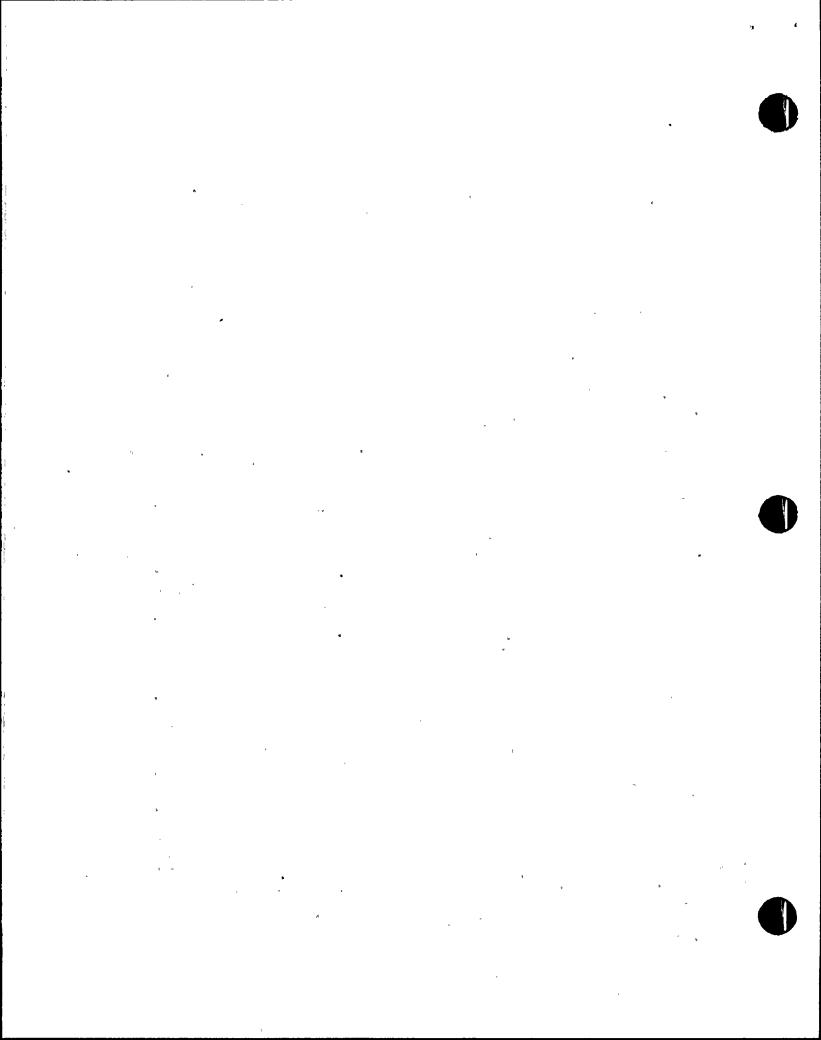
b) Reviewer needs additional information

c) Qual. Record search still in process

5 - Equipment not qualified

6 - Item identified to EQB for resolution

REVIEWER GREET DATE 10/21/80



PAGE 2 07 3

CES. Page	Equip. I. D.	Generic Name	Accid. Profile	Qual. Profile	Radiati Conta	an Quel.	Qual.	Chem.	Accur.	Subm.	Licensee	Action	Outstanding	Category	1
No.	,				Inside	Outside	Hethod	Spray			Replace	Relocate	Items Identified by	Of Items	1
5-25	FF-3- 475	T	<u>ب</u>	P	P		41	P	6			. —	<i>K</i> ··	2, 46, 6	
5-26	FT-3- 484	7		P	P.		4/6	P	6	_	_	-	R	2.46.6	
5-27	FT-3. 485	T	-	P	P	_	46	Þ	6		-	•••	R	2,46.6	
5-28	FT-3-	T	-	P	P	-	46	P	6	_			R	2,46 %	
5.29	FT-3-	T	2-	.P	P	-	46	P.	6	_	~		1/2	2,46.6	
5-30	FT-3- 474	ナ	۲	P	P	_ ·	46	P	6	-	-	-	R	2,466	7
5.37	5V-3- 2604	5V	-		~		_	-		-	•			1,2,7	T
5.38	58-3-	SV	-	-	_	_	-	-	_			_	_	12,7	1
5.39	POV-3-	Lin Sw		4			-	_	-	,	·		~-	1,2,7	
5-40	5V-3- 2609	SV	-	-			_	_				-		1,2,7	7
5-41	SV-3- 2610	SV	1	-	-	,	-		~		1=1-	, ·	~		
5.42	POV-3-	Lim Sw	-	-	-	-	_	_				1.	~	12,7	1

B = Indicates the item is below the flood level

REVIEWER OR DATE 10/22 50

VIENER DIAMETER

For S - Indicates the item is Satisfactory

⁻ or H - Indicates the item is Not Applicable

UL - Indicates the item is Unresolved, Licensee identified

P - Proprietary

L - Licensee identified

R - Reviewer identified

^{1 -} Equipment is qualified

^{2 -} Aging is less than life of plant with licensee indicating periodic replacement

^{3 -} Equipment requires modification (resolution, shielding, etc.)

^{-4 =} Qualification of equipment unresolved

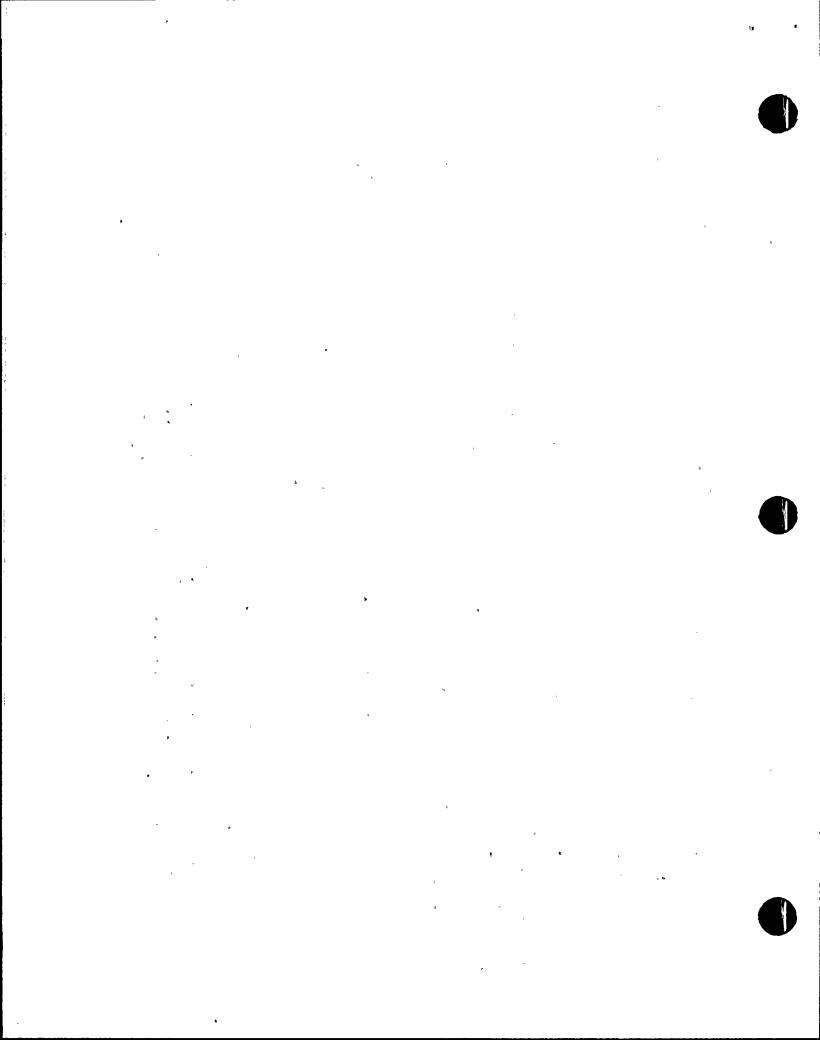
a) Testing schedule but not complete

b) Reviewer needs additional information

c) Qual. Record search still in process

^{5 -} Equipment not qualified

^{6 .} Item identified to EQB for resolution





CES. Page	Equip. I. D.	Generic Name	Accid. Profile	Qual. Profile	Radiati Conta	on Qual. Inment	Qual. Hethod	Chem. Spray	Accur.	Subm.	Licensee	Action	Outstanding Items Identified by	Category
No.	,				Inside	Outside	1100	Spray			Replace	Relocate	Identified by	Itema
5-43	3V-3-	SV	-	~	**					-			- .	1,2,7
5-44	5V-3- 2615	5 V	4	~		-			-	-	m.e.		·	1,2,7
5-45	PAV-3-	Lin Sw	-	~	_	_						_	a p.	1,2,7
	~	- Balisy	e this	tid be	ري'									·
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		·												
1	 			 							-			
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		ļ		<u> </u>		 						ļ		
Code:							n Fauldi		4		(recelution			

B - Indicates the item is below the flood level

For S = Indicates the item is Satisfactory

7. Gurlified for less to an I insur

REVIEWER ANNE DATE 3/20/80

⁻ or H = Indicates the item is Not Applicable

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^{1 -} Equipment is qualified

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indicating periodic replacement

^{3 =} Equipment requires modification (resolution, shielding, etc.)

^{4 -} Qualification of equipment unresolved

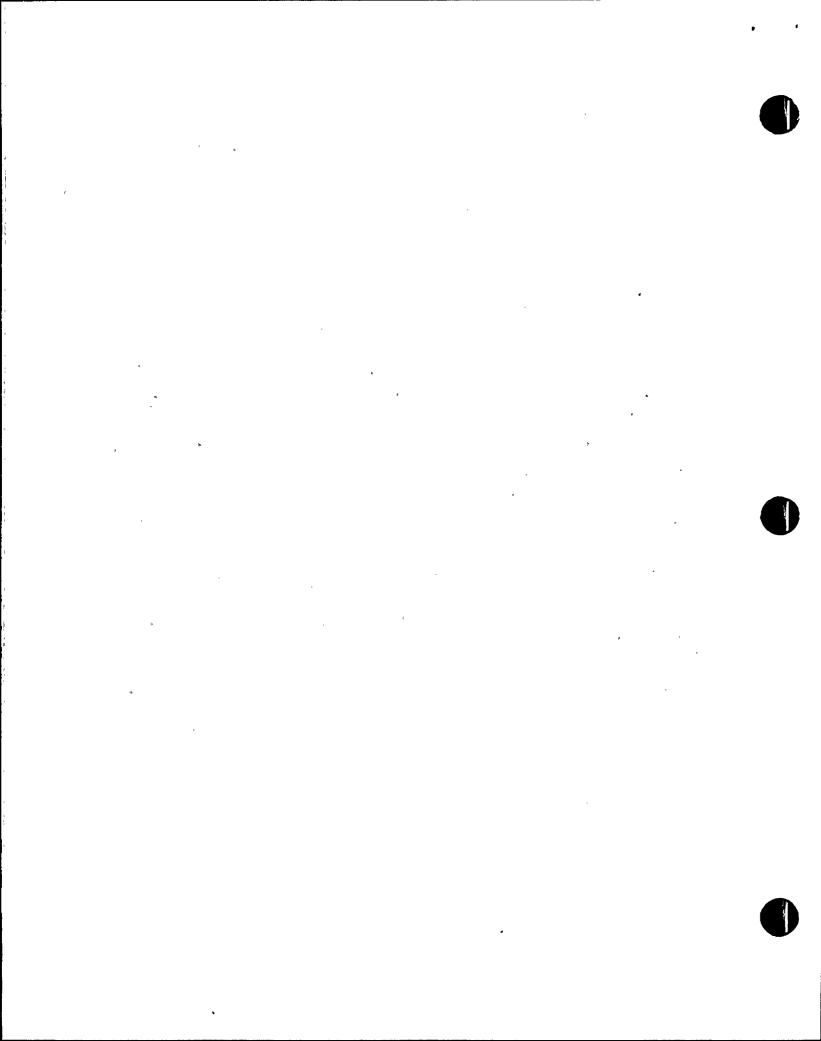
a) Testing schedule but not complete

b) Reviewer needs additional information

c) Qual. Record search still in process

^{5 =} Equipment not qualified

^{6 =} Item identified to EQB for resolution





PAGE __/ OF /

CES. Page	Equip.	Generic Name	Accid. Profile	Qual. Profile	Rediati	on Qual. Inment	Qual.	Chem.	Accur.	Subm.	Licenses	Action	Outstanding Items	Category
No.					•	Outside	Hethod	Spray			Replace	Relocate	Identified by	Of Itens
6-1	MOV-3- 1403	MOV	ب	P	_	_	~	~	_		_			1
6-2	MOV-3-	MOV	-	P	~	. –	-	-	-	_	_	_	_	1
6-3	MIV-3-	MOV		P	-	-	1	,,,	-	-		-		1
				,			·							
,														
										-		 		
												 		
,												 		
	 								-		<u> </u>			
Code:	-	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u></u>	(resolution			

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R - Reviewer identified

1 - Equipment is qualified

2 - Aging is less than life of plant with licensee indicating periodic replacement 3 = Equipment requires modification (resolution, shielding, etc.)

4 - Qualification of equipment unresolved

a) Testing schedule but not complete

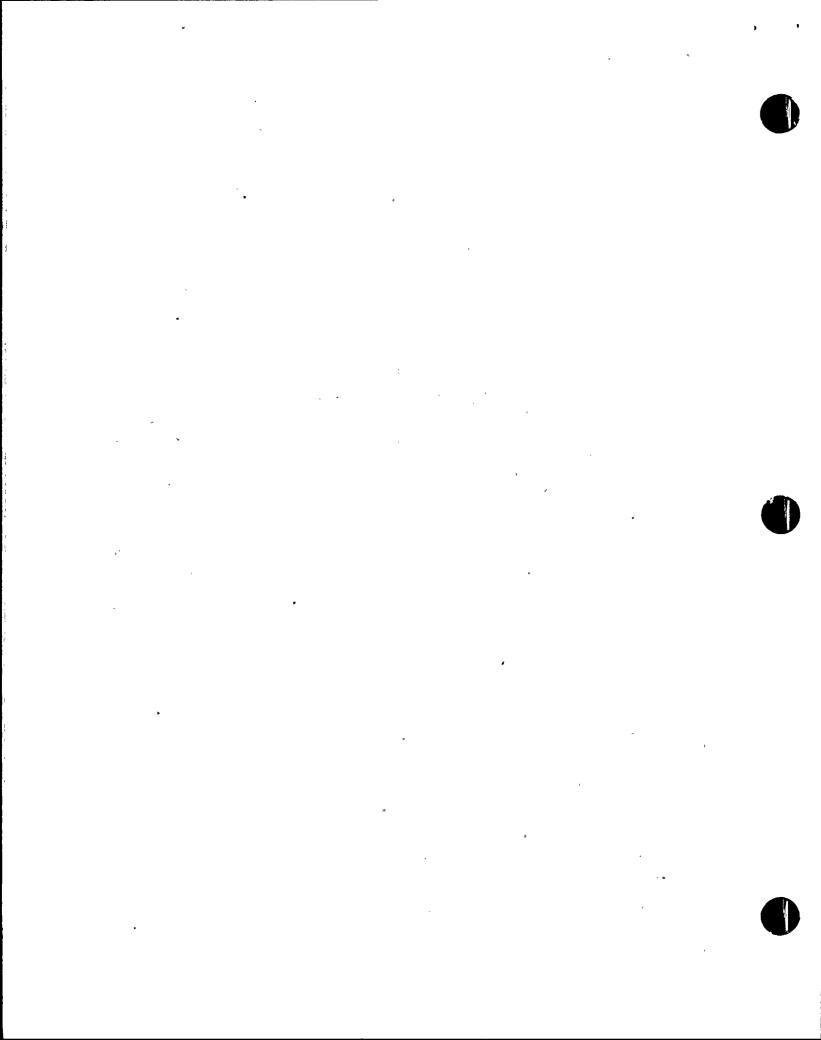
b) Reviewer needs additional information

c) Qual. Record search still in process

5 - Equipment not qualified

6 = Item identified to EQB for resolution

REVIEWER 2/6/2/80





PAGE __/_ OF ____

CES. Page	Equip. I. D.	Generic Name	Accid. Profile	Qual. Profile	Radiati Conta	on Qual. Inment	Qual.	Chem.	Accur.	Subm.	Licensea	Action	Outstanding Items	Category
No.	i				Inside	Outside	Hethod	Spray			Replace	Relocate	Identified by	Of Items
7.1	LT-3- 474	T	r	~	~		-	س	6					2,6
7.2	LT-3- 475	ナ	ب	~	<i>~</i>		-		6		_		_	2,6
7-3	17-3- 476	T	٠ ـــ	~	-		س	2	6	_			_	2,6
7-4	17-3- 484	・ナ	-	-	-		2	em.	6					2,6
7-5	17-3- 485	ナ	-		-	-	gar.	-	6	_	_	-	_	26
7-6	17-3- 486	ァ	V	~	~		~	~	6			_		2,6
7-7	27-3- 494	ァ	~	~	-	_	-	2	6		_	-	_	2,6
7-8	11-3- 495	T	-	~	~	_	-	2	6	_		_	_	2.6
7-9	17-3- 496	T	-	-	~		-	2-	6	_	_			2,6
7-19	SV-3-	5V	. ~	~	-		1	_	-		_			1, 2, 7
7-20	54-3- 2902	5V	-	u	-	_	-	_	e pro-t	~~		-		1,2,7
7-21 Code:	SV-3- 2904	5V	-	~	-	_	-	_			_	-		12,7

B = Indicates the item is below the flood level

or S = Indicates the item is Satisfactory

P - Proprietary

L - Licensee identified

R - Reviewer identified

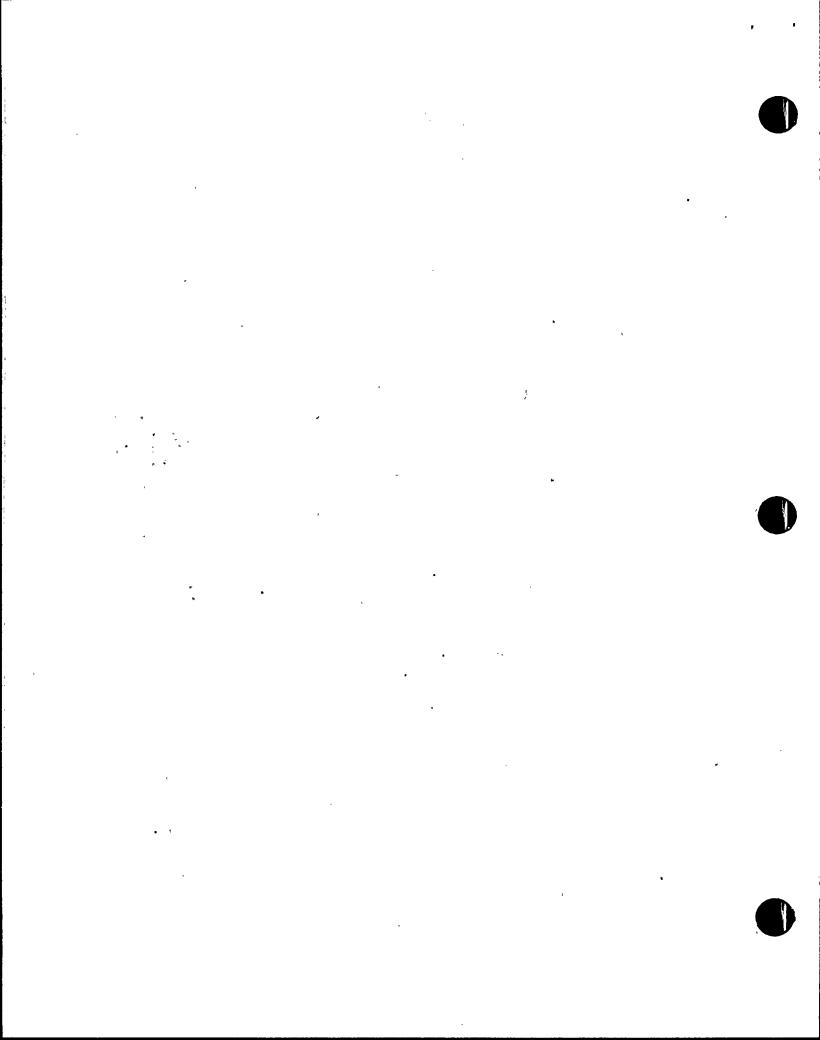
1 - Equipment is qualified

2 - Aging is less than life of plant with licensee indicating periodic replacement

- 3 Equipment requires modification (resolution, shielding, etc.)
- 4 Qualification of equipment unresolved
 - a) Testing schedule but not complete
 - b) Reviewer needs additional information
 - c) Qual. Record search still in process
- 5 Equipment not qualified
- 6 m Item identified to EQB for resolution
- 7- Gualified for lass "as Inour

REVIEWER 21/2/80

⁻ or N = Indicates the item is Not Applicable
UL = Indicates the item is Unresolved, Licenses identified





CES.	Equip. I. D.	Generic Name	Accid. Profile	Qual. Profile	Radiati	on Qual. Inment	Qual. Hethod	Chem.	Accur.	Subm.	Licensea	Action	Outstanding Items	Category
Page No.	, 5.	Name	101110		Inside	Outsida	Hethod	Spray			Replace	Relocate	Identified by	Items
	DPS-3.		٠ ــــ	1			1				_	_	_	2/2
7-25	2900	D/P SW		ļ				 	6_	 	<u> </u>	 	 	2,6,7
77	DPS-3-	D/P5W	-	1	_	-	1	-	6	-		-	_	2,67
7-26	DPS-3-		 	 	 	 	 			1				
7.27	2902	DASW	1	-	_		1		6			<u> </u>		2, 6, 7
,, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>													¥	
	ļ		<u> </u>	<u> </u>			 `	 	<u> </u>		 	- 	ļ	
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Code:

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For S = Indicates the item is Satisfactory

- or H = Indicates the item is Not Applicable

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4 - Qualification of equipment unresolved

a) Testing schedule but not complete

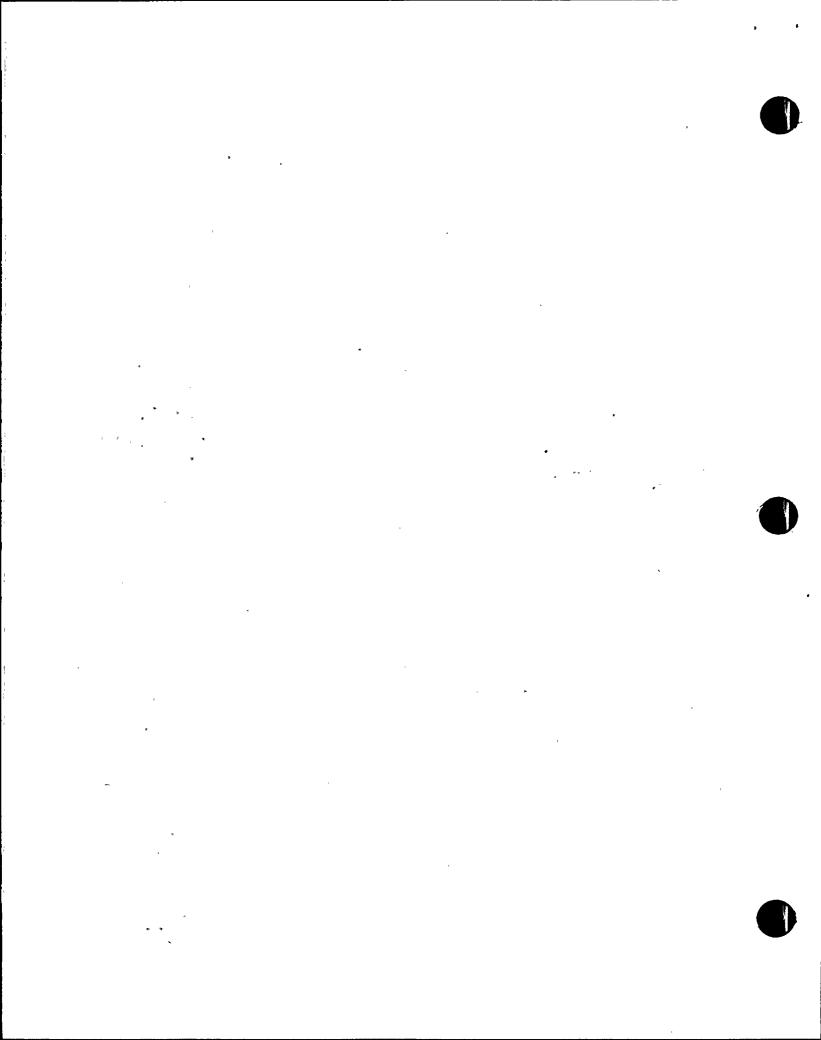
b) Reviewer needs additional information

c) Qual. Record search still in process

5 - Equipment not qualified

6 . Item identified to EQB for resolution

7= Gualified for lass than I hour



PAGE _____OF]

CES. Page	Equip. I. D.	Generic Name	Accid. Profile	Qual. Profile-	Radiati Conta	on Qual.	Qual. Hethod	Chem. Spray	Accur.	Subm.	Licenseo	Action	Outstanding Items	Category
No.	1			-	Inside	Outside	raction	Spray	<u> </u>	1	Replace	Relocate	Identified by	Items
8-1	MIV-3- 1410	MOV	~	•			ب							./
8-2	341410	consta	ين س	~	<u></u>	-	~	<u>.</u>	_		_	_		1,2,7
8-3	MOV-3-	MOV	-	1			2		_	_				1
8-4	SHHII	soutito.	~	~	_						 .	_	-	1,2,7
9- 4-	MOV-3.	MAN	-			_	-		_	_	_		·· .	1
8-6	341415	contito.	2	~		_	er.							1,2,7
8-13	58-3- 2914	SV	-	~	_				_	_	_	_		1,2,7
8-14	SV-3- 2915	SV	~	_	_	_	·	_		_		_		1,2,7
8-15	3V-3- 2916	SV	-	-		<u>`</u>	-	_	_					1, 2,7
8-16	5V-3- 2917	5V	-	-	_		-							1,2,7
8-17	5V-3- 2918	5V	-	-			4			_				1,2,7
8-18 Code:	5V-3-	5V	~	-			4			,,,,,,	a. 4 44	-		1,2,7

B - Indicates the item is below the flood level

REVIEWER CILL DATE 10/20/20

For S = Indicates the item is Satisfactory

⁻ or N - Indicates the item is Not Applicable

UL - Indicates the item is Unresolved, Licensee identified

P - Proprietary

L - Licensee identified

R - Reviewer identified

^{1 .} Equipment is qualified

^{2 -} Aging is less than life of plant with licensee indicating periodic replacement

^{3 -} Equipment requires modification (resolution, shielding, etc.)

^{4 -} Qualification of equipment unresolved

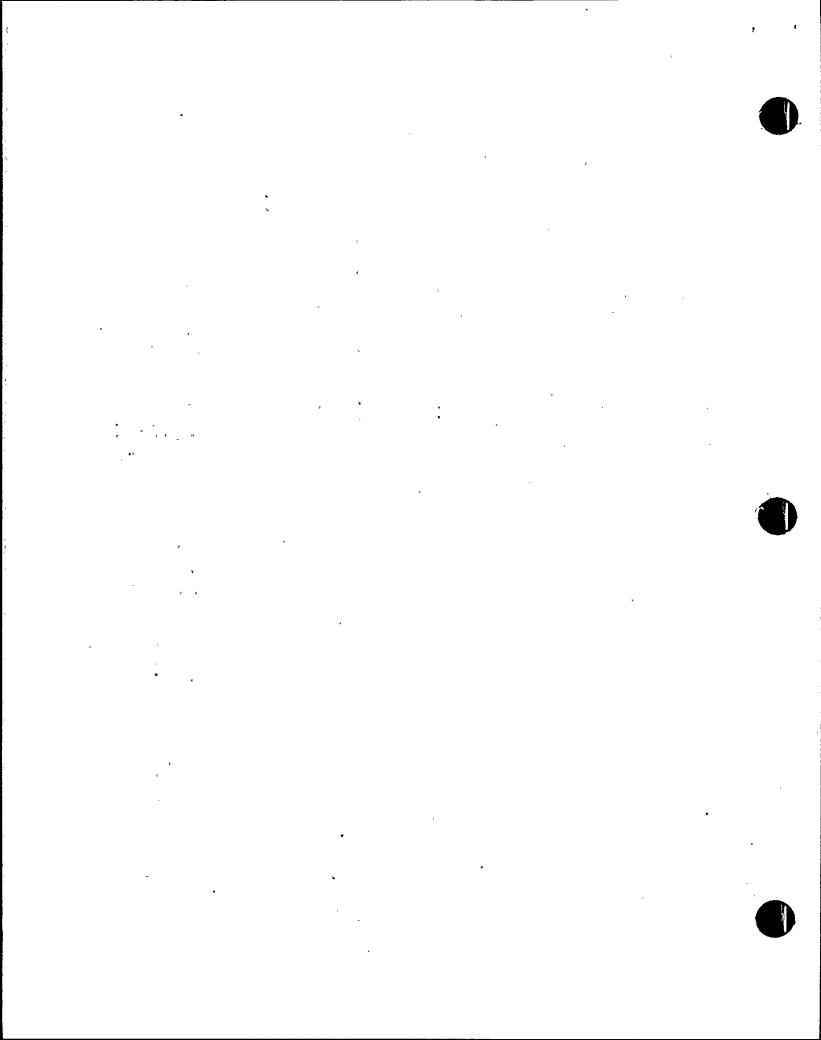
a) Testing schedule but not complete

b) Reviewer needs additional information

c) Qual. Record search still in process

^{5 =} Equipment not qualified

^{6 -} Item identified to EQB for resolution





PAGE __/__ OF _6__

CES. Page	Equip.	Generic Name	Accid. Profile	Qual. Profile	Radiati	on Qual. Inment	Qual.	Chem.	Accur.	Subm.	Licensee	Action	Outstanding Items	Category
No.	11				Inside	Outside	Hethod	Spray			Replace	Relocate	Identified by	or Items
9-1	TE-3 3440	TE	~						6					6
9-2	TE-3- 3441	TE	-						6		-			6
9-3	TE-3- 3442	TE	-						6					6
9-4	TE-3- 3443	TE	4						6					6
9-5	TE-3- 3444	TE	-			_			6	_	_	_	_	6
9-6	TE-3- 3445	TE	-			_			6	_			_	6
9.7	TE-3- 344/6	TE	~						6	_	_	-	-	6
9-8	TE-3 -	TE	~	-					6			_		6
9-9	TE-3- 3448	TE	-			-			6	_				6
9-10	TE-3-		-			_		-	4	_	_		_	6
9-11	TE-3- 3450	TE	-						6	_	-	_		6 .
9-12 Code:	TE-3- 3451	TE	-						6	-	-	-	_	6

B = Indicates the item is below the flood level

or S - Indicates the item is Satisfactory

REVIEWER (18/10/50)

⁻ or N = Indicates the item is Not Applicable

UL = Indicates the item is Unresolved, Licensea identified

P - Proprietary

L = Licensee identified

R - Reviewer identified

^{1 =} Equipment is qualified

^{2 -} Aging is less than life of plant with licensee indicating periodic replacement

^{3 =} Equipment requires modification (resolution, shielding, etc.)

^{4 -} Qualification of equipment unresolved

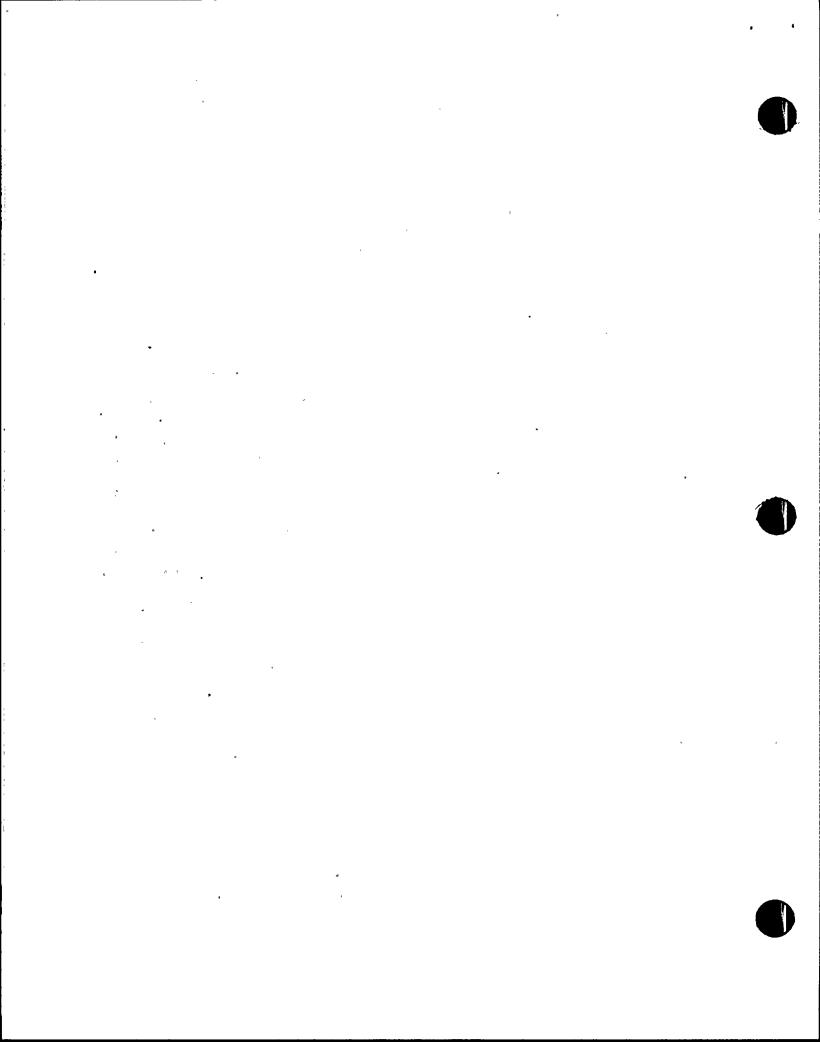
a) Testing schedule but not complete

b) Reviewer needs additional information

c) Qual. Record search still in process

^{5 =} Equipment not qualified

^{6 -} Item identified to EQB for resolution





PAGE _2_ OF _6_

CES. Page	Equip. I. D.	Generic Name	Accid. Profile	Qual. Profile-	Radiation Conta	on Qual. Inment	Qual. Hethod	Chem.	Accur.	Subm.	Licensee	Action	Outstanding Items	Category
No.					Inside	Outside	nethod	Spray			Replace	Relocate	Identified by	Of Items
1	TE-3- 3452	TE							6		_ `	_		6
	TE·3- 3453	TE	L						6		_		_	6
	TE-3- 3454	TE	-						.6					6
	TE-3 - 3455		~			<u>.</u>			Ь	_	_			6
9-17	TE-3- 3%56	TE	بر			_	-		6		_			6
9-18	TE-3- 3457	TE	~		,				6	_	~	-		6
9-19	TE-3- 3458	TE	-			_	•		.6	_	_	-	-,	6
9-20	TE-3- 3459	TE	-			_			6	~				6
9-21	TE-3. 3460	TE	-			_			6	_				6
9-22	TE-3-	TE	٠ ـــ						ć.	_	_	_		6
9-23	TE-3- 3462	TE	-			_			6			-		6
9-24 Code:	TE-3- 3463	TE	4.						do.	-				6

B = Indicates the item is below the flood level

✓or S = Indicates the item is Satisfactory
- or N = Indicates the item is Not Applicable

UL - Indicates the item is Unresolved, Licensee identified

P = Proprietary

L - Licensee identified

R - Reviewer identified

1 - Equipment is qualified

2 - Aging is less than life of plant with licensee indicating periodic replacement 3 = Equipment requires modification (resolution, shielding, etc.)

4 - Qualification of equipment unresolved

a) Testing schedule but not complete

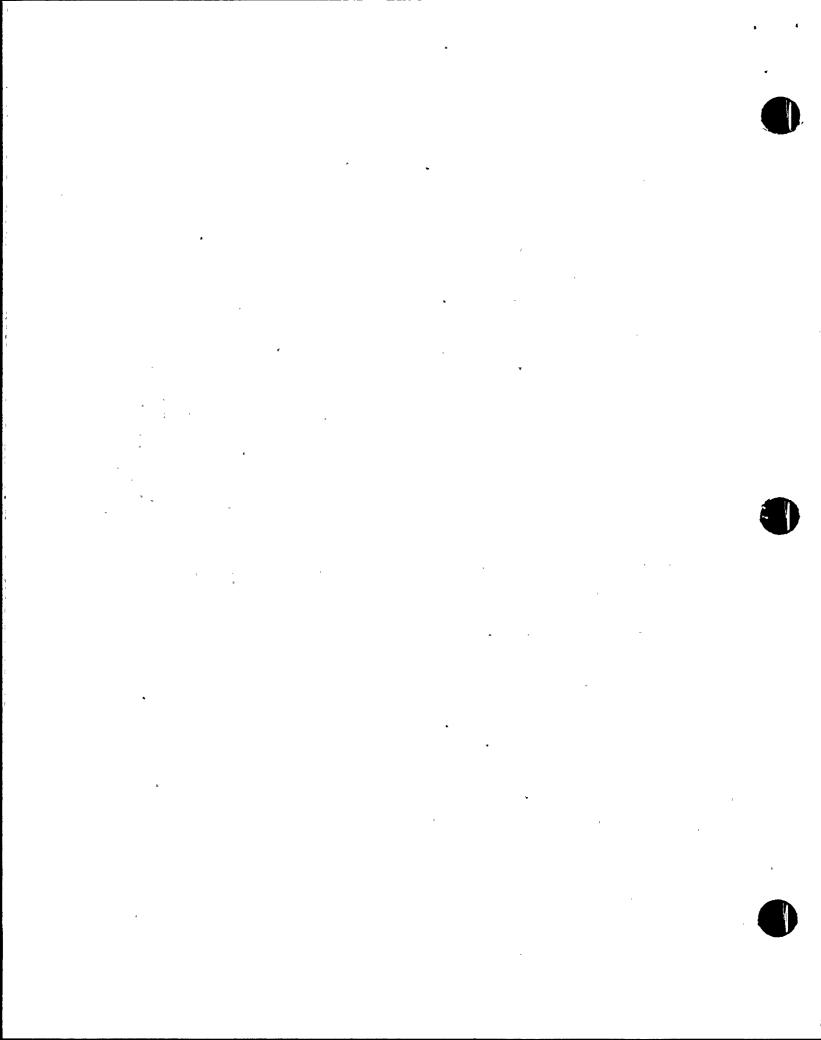
b) Reviewer needs additional information

c) Qual. Record search still in process

5 - Equipment not qualified

6 = Item identified to EQB for resolution

REVIEWER COMP DATE 13/33/53





PAGE 3 OF 6

	CES. Page	Equip. I. D.	Generic Name	Accid. Profile	Qual. Profile	Radiation Conta	on Qual. Inment	Qual. Hethod	Chem.	Accur.	Subm.	Licenses	Action	Outstanding Items	Category
	No.	ı				Inside	Outside	Hethod	Spray			Replace	Relocate	Identified by	Items
	9-49	18311S	T. 8x	مسد								Yes	_	<u>د</u> .	3
*	9-51	RD-3- 11	RD	_	_		ب	سا	_	6					1,2
¥	9-52	RD-3 -	RD	***		-	س	4		6	_				1,2
	9-55	3V3A	Mtr	-	-			-	ســ					_	1
_	9-56	3V38	mtr	<u></u>	ب	ب		س.ير	حد						1
	9-57	313c	ntr	-	1		-	ic	-					_	1
	9-58	FS-3- 1422	FS	-		v		4	1	6	_	_	_	R	4,6
	9-5-9	F5·3-	FS			سد		4	سند	6	_	_	_	R	4/
_	9-60	FS-3- 1424	F5	-		2	***	4	~	6	_	-	-	R	46
	9-61	FS-3 - 1425		-		e-		"	200	6	_	-	_		4.6
	9-62	FS-3-	F5	2		-	_	4	_	6		_	_		
,	9-63	FS-3- 1427	25	-		4	_	11		6	_			ベ	4.6 4.6

B = Indicates the item is below the flood level

or S = Indicates the item is Satisfactory

- or N = Indicates the item is Not Applicable
UL = Indicates the item is Unresolved, Licenses identified

P - Proprietary

L = Licensee identified

R - Reviewer identified

1 - Equipment is qualified

2 - Aging is less than life of plant with licensee indicating periodic replacement 3 - Equipment requires modification (resolution, shielding, etc.)

4 - Qualification of equipment unresolved

a) Testing schedule but not complete

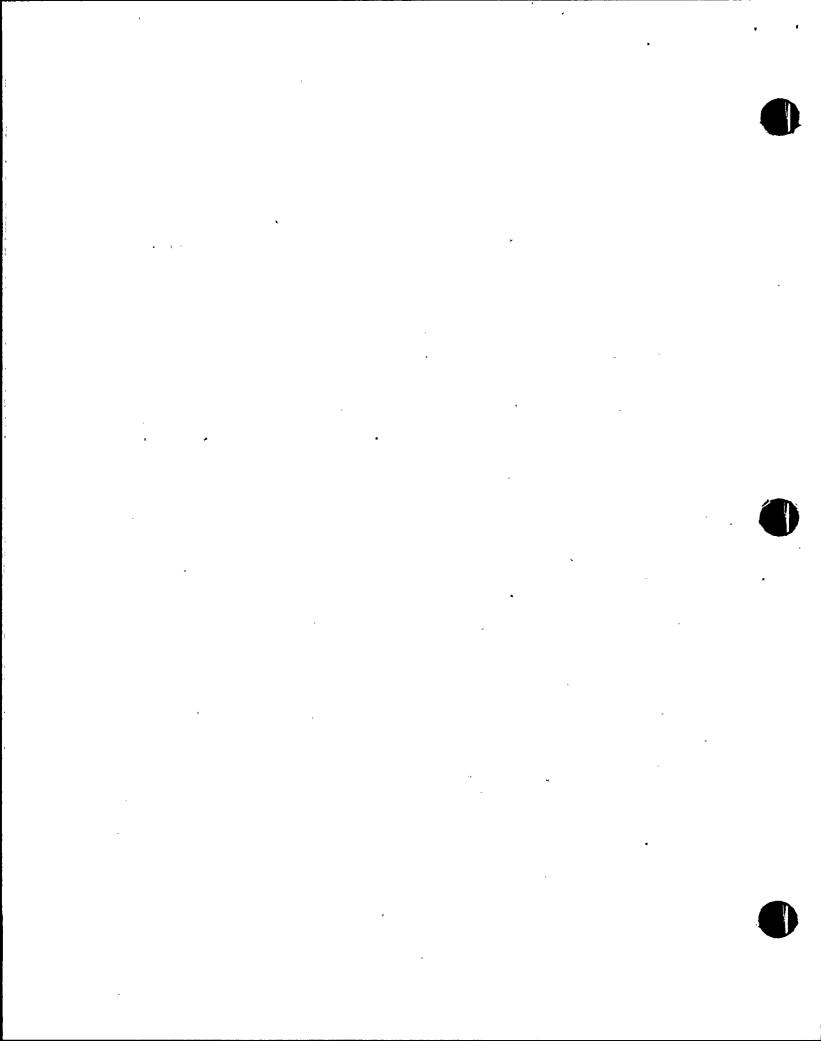
b) Reviewer needs additional information

c) Qual. Record search still in process

5 - Equipment not qualified

6 - Item identified to EQB for resolution

REVIEWER ARTHUR DATE 14/33/80



SYSTEM Containment Vantilation

ATTACHMENT 1 FOR 1EB 79-01B TER

PAGE 4 OF 6

CES. Page	Equip. I. D.	Generic Name	Accid. Profile	Qual. Profile	Radiați	on Qual. Inment	Qual. Hethod	Chem.	Accur.	Subm.	Licensee	Action	Outstanding Items	Category
No.	,				Inside	Outside	Hethod	Spray			Replaca	Relocate	Identified by	Of Items
9-73	5V-3 - 2905	5V	-	43	ب		2	ب		_			R.	. 2,46
9.74	5V-3- 2906	5V	-	46	ب	-	-	~		_			R	2,46
9-75	5V-3- 2907	5V	٢	46	~		-	-					R	2,46
9-76	5V-3 -	SV	~	46	u	_	-	4	_	_		 .	R	2,46
9-77	5V-3 - 2909	SV	<u>~</u>	46	-	_	-	سد					R	2,41
9-78	34-3-	5V	-	46	1		-	2-	_				R	2,46
9-85	3V.30A	Mtr	~	1			-	۲.		_				1
9-86	31/30B	Mtr	~	-	~		2	ح				_		Ĭ
9-87	3130C	MT	-	-	-	_	-	2						1
9-91	PT-3- 1622	T	_	-		-	-	-			-		areas	1
9-92	PT-3 -	+			_	-	4-				*******			1
9-95 Code:	Ps-3- 2007	PS				2	2		6		*			6

B - Indicates the item is below the flood level

For S - Indicates the Item is Satisfactory - or H - Indicates the item is Not Applicable

UL - Indicates the item is Unresolved, Licensee identified

P = Proprietary

X

L = Licensea identified

R - Reviewer identified

1 - Equipment is qualified

2 - Aging is less than life of plant with licensee indicating periodic replacement

3 - Equipment requires modification (resolution, shielding, etc.)

4 - Qualification of equipment unresolved

a) Testing schedule but not complete

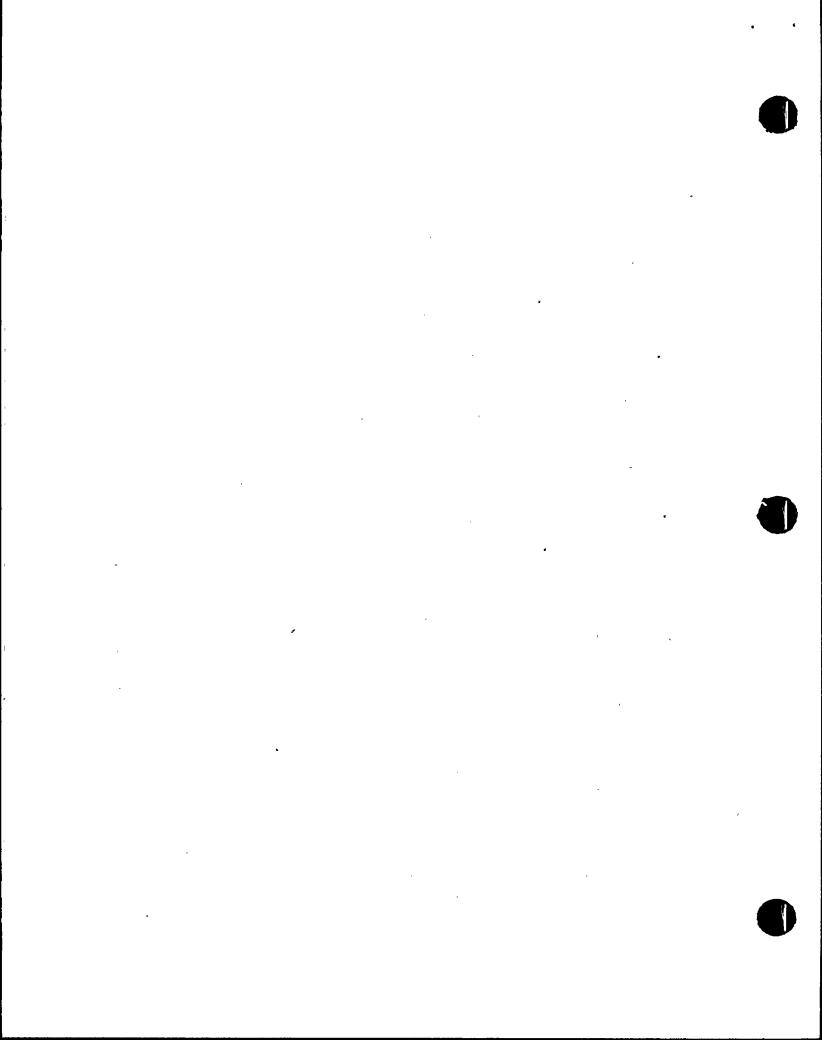
b) Reviewer needs additional information

c) Qual. Record search still in process

5 - Equipment not qualified

6 - Item identified to EQB for resolution

REVIEWER AND DATE 10/2:/10



FACILITY Turkey Point 3:50- 250 SYSTEM Containment Vantilation

ATTACHMENT 1 FOR 1EB 79-018 TER

}	CES.	Equip.	Generic	Generic Accid. Qualitate Profile Pro		Radiation	n Qual.	Qual.	Ches.	Accur.	Subm.	Licenses /	letion	Outstanding Items	Category
i	Page No.	I. D.	DAME	LIGITIE	Profile-	Inside	Outside	Hethod	Spray		·	Replace	Relocate	Identified by	Items
×	9-96	Ps-3- 2008	PS	-	_	مبر	-	سد		6					6 .
•	9-97	PS-3- 2009	Ps		-		2	سد		6	_				6
)	9-101	Ps-3 - 2056	PS				-			6				•	6
*	9-102	PS-3- 2057	P5				-	4		6					6
	9-103	PS-3 2058	P5	_	_	_		سد	-	6		_		-	6
	9-107	51-3-	SV		-		-	4		_					1,2
	9-108	51-3- 2912	5Y		_		-	-	_						1,2
	9-109	51-3 - 2913	5V		_			4	_		_				1,2
	9-113	54-3- 2601	5V	~			-					Ves		7	3
	9-114	5V-3- 2804	SV	~			_		-	~-		yes		4	3
1	9-115	POV-3- 2601	2+.5w	~							_	V25		4	3
	9-1/6 Code:	5V-3- 2603	5V	~						-	_	Yes (fenolution		1-	સ

B - Indicates the item is below the flood level

or S - Indicates the item is Satisfactory

- or N - Indicates the item is Not Applicable

UL . Indicates the item is Unresolved, Licensee identified

P - Proprietary

L - Licenses identified

R - Roviewer identified

1 - Equipment is qualified

2 - Aging is less than life of plant with licensee indicating periodic replacement

3 - Equipment requires modification (resolution, shielding, etc.)

4 - Qualification of equipment unresolved

a) Testing schedule but not complete

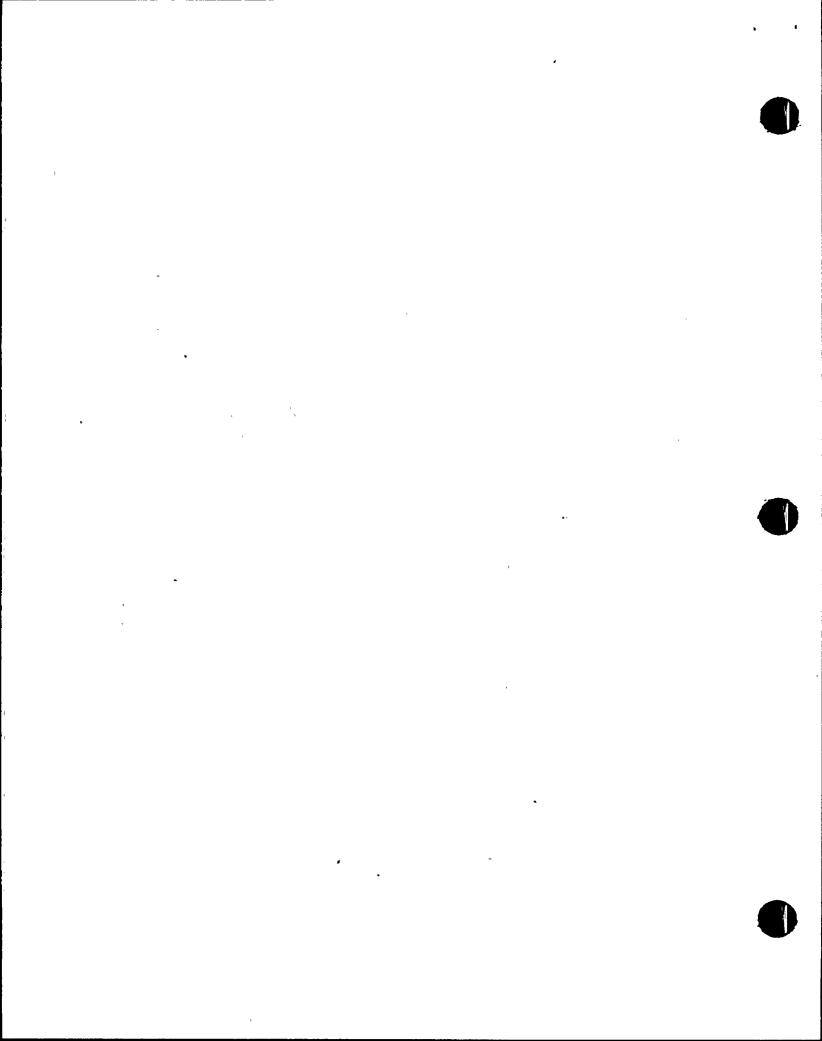
b) Reviewer needs additional information

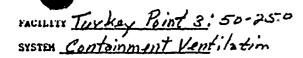
c) Qual. Record search still in process

5 - Equipment not qualified

6 m liem identified to EQB for resolution

REVIEWER A Rolf DATE 16/33/80







TER

PAGE 6 OF 6

CES.	Equip.	Generic Name	Accid. Profile	Qual. Profile	Radiari Conta	on Qual.	Qual.	Chem.	Accur.	Subm.	Licenses .	Action	Outstanding Items	Category
Page No.	,	N.E.N.G	LIDITIO			Outside	Hethod	Spray			Replace	Relocate	Identified by	Items
9-117	5V-3 - 2806	5V	~							_	Ye5		۷.	3
9-118	POV-3.	12. SW	v					-			yes.		4	3
9-125	SV-3-	SV				_					Yes		4	3
9-126	CV-3-	28.5w	٢			_					yes_		4	3
9-129	51-3- 3709	5V		<u> </u>	_	نه	-		_	_				1,2
9-130	5V-3- 3713	5V	_		_	-	1			_		_		1,2
				ļ				ļ				<u> </u>		
									7				•	
					,									
	·									<u> </u>				ļ

REVIEWER ARMY DATE 10/03/80

B . Indicates the item is below the flood level

or S - Indicates the item is Satisfactory

⁻ or N - Indicates the item is Not Applicable

UL - Indicates the item is Unresolved, Licensee identified

P - Proprietary

L - Licensee identified

R - Reviewer identified

^{1 -} Equipment is qualified

^{2 -} Aging is less than life of plant with licensee indicating periodic replacement

^{3 -} Equipment requires modification (resolution, shielding, etc.)

^{4 -} Qualification of equipment unresolved

a) Testing schedule but not complete

b) Reviewer needs additional information

c) Qual. Record search still in process

^{5 .} Equipment not qualified

^{6 -} Item identified to EQB for resolution

SYSTEM Replacement Solonoid Valves
and Limit Switches

ATTACHMENT 1 FOR IEB 79-01B TER

PAGE _ / OF _ _

CES. Page	Equip. I. D.	Generic Name	Accid. Profile	Qual. Profile-	Radiatio	on Qual. Inment	Qual. Hethod	Chem. Spray	Accur.	Subm.	Licensee	Action	Outstanding Items Identified by	Category
No.	1				lnside	Outside	/ALIIOU	phray			Keplace	Relocate	Identified by	Items
10-1	12xions	SV	~	46	~		46	~		_			- . ,	2,46
10-2	Narious	5V	L	43	.~		46		-	_	_	_	_	2,46
10-3	Vorions Lt.sw	Lt. Sw	v	4	J		46	L		-			_	2,46
									•					
		,												
		v	`									`		
												·	·	4
									- Ta-,					
	-										 -			
											<u> </u>			
Code:	ļ		1		l	L					(<u> </u>		

B = Indicates the item is below the flood level

or S - Indicates the item is Satisfactory

- or N - Indicates the item is Not Applicable

UL - Indicator the item is Unresolved, Licensee identified

P - Proprietary

L - Licensee identified

R - Reviewer identified

1 - Equipment is qualified

2 - Aging is less than life of plant with licensee indicating periodic replacement

3 - Equipment requires modification (resolution, shielding, etc.)

4 - Qualification of equipment unresolved

a) Testing schedule but not complete

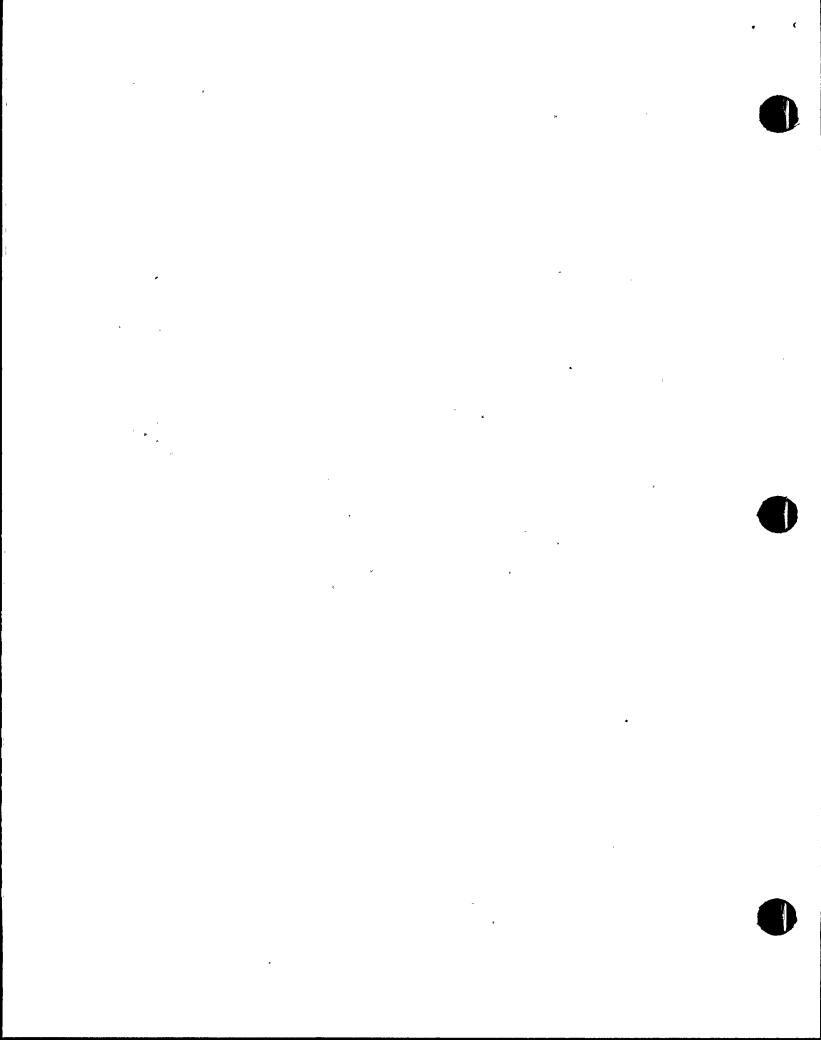
b) Reviewer needs additional information

c) Qual. Record search still in process

5 - Equipment not qualified

6 - Item identified to EQB for resolution

REVIEWER Signiff DATE 10/21/50



ATTACHHENT I FOR 1EB 79-018 TER

SYSTEM Miscellangens - Splice Materials

Electope

Transport

CES.	Equip. I. D.	Generic	Accid. Profile	Qual. Profile	Radiati	on Qual. Inment	Qual. Method	Chem. Spray	Accur.	Subm.	Licenses.	Action	Outstanding Items Identified by	Category
Page No.	1		101110	7,01110	Inside	Outside '	Mathod	Spray			Replace	Relocate	Identified by	Items
11-1		Insulating Sleeves	· ~ ·	_				سے		_				1
11-2		Insuitating Sleeves	-			4	-	_					_	1
11-3		Insulating Sleaves	-	_	-	-	-							1
11-4		T.B	· -	_	-	-	4		_	_		_		/
//- 5		Elec Tope	4	4	_	4	-	_						1
 				н			·							
							-							
								h					·	
,, , , , , , , , , , , , , , , , , , ,									,			1.		

Code:

B - Indicates the item is below the flood level .

For S = Indicates the Item is Satisfactory

- or N = Indicates the item is Not Applicable

· UL - Indicates the item is Unresolved, Licenses identified

P - Proprietary

L - Licensee identified

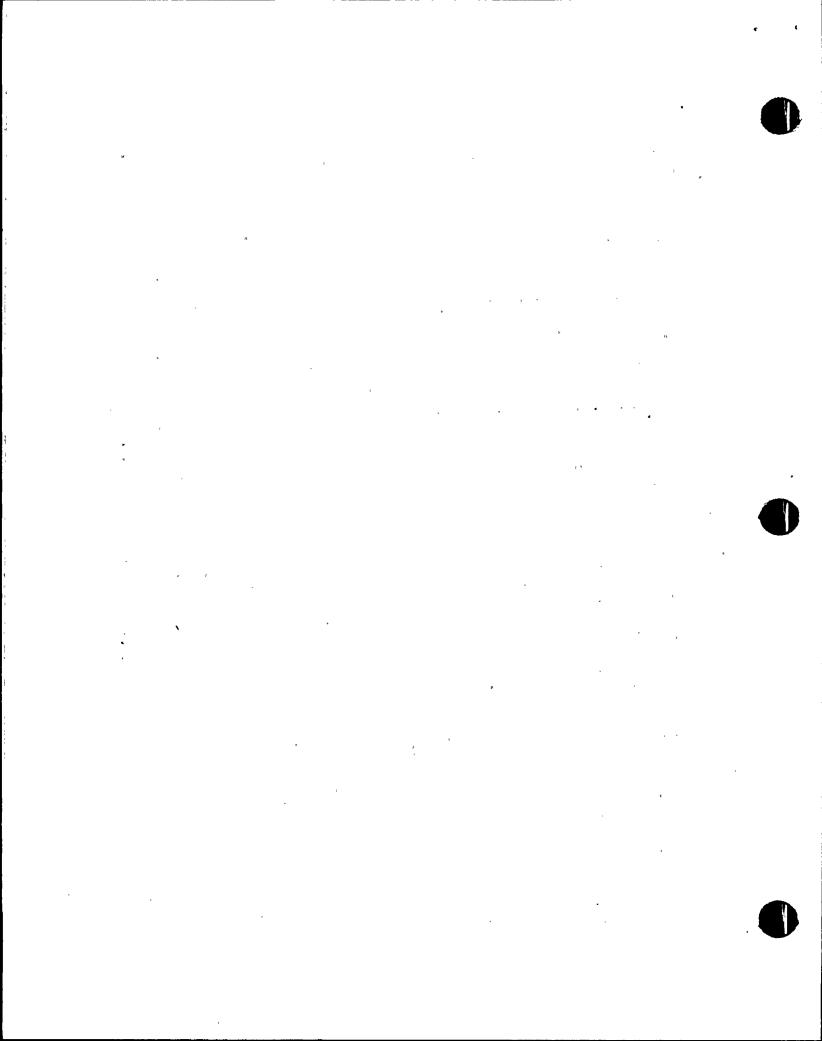
R - Reviewer identified

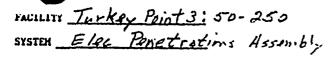
1 - Equipment is qualified

2 - Aging is less than life of plant with licensee indicating periodic replacement

- 3 Equipment requires modification (resolution, shielding, etc.)
- 4 Qualification of equipment unresolved
 - a) Testing schedule but not complete
 - b) Reviewer needs additional information
 - c) Qual. Record search still in process
- 5 = Equipment not qualified
- 6 Item identified to EQB for resolution

REVIEWER AND DATE 10/29/80





ATTACHMENT 1 FOR IEB 79-01B TER

PAGE ______ 07 _2__

3	CES.	Equip.	Generic	10011	Quel.	Radinet	on Qual.	T							}
:	Page	I. D.		Profile	Profile-	Radiari Conta	Time dit .	Qual. Hethod	Chem. Spray	Accur.	Subm.	Licenses	Action	Outstanding Items	Category
	No.	, , , , , ,			<u> </u>	Inside	Outside			<u> </u>		Replace	Relocate	Identified by	Items
, olavla	12-1	T3 P41	EPA	-	P	س		46	<i>~</i>	_	_	_	-		46
	12-2	T3PY2	E PA	سد	P	· ~		45	ν.	_				_	46
	12-3	T3 P43	EPA	سه	12	-	<u>-</u>	46	-	_		-	_		46
	12-4	T3 <i>P51</i>	E PA	_	7	2		46	-						46
010060	12-5	T3 PS3	EPA	سسه	م	ب		46	-						46
0100603	12-11	T3PII	EPA	س	P	-		46	پ		_		_	•	46
	12-12	T3P12	EPA	-	P	-	_	46	4				_	_	46
0100 604	12-13	13022	EPA	-	P	سد	·	46	`~		-	_			46
0100 608	12-17	T3C11	EPA	-	P	ب	_	46	_	_		_			46
	12-18	T3C12	EPA		P	<i></i>	_	46	4	_	 .	_			46
•	12-19	T3 C 13	EPA	-	P	ب	_	46	یب					~	46
oloboq	/2-20 Code:	T3C21	EPA	~	P	4	_	46	<u>ب</u>						46

B - Indicates the item is below the flood level

or S - Indicates the item is Satisfactory

- or H = Indicates the item is Not Applicable
UL = Indicates the item is Unresolved, Licenses identified

P - Proprietary

L = Licenses identified

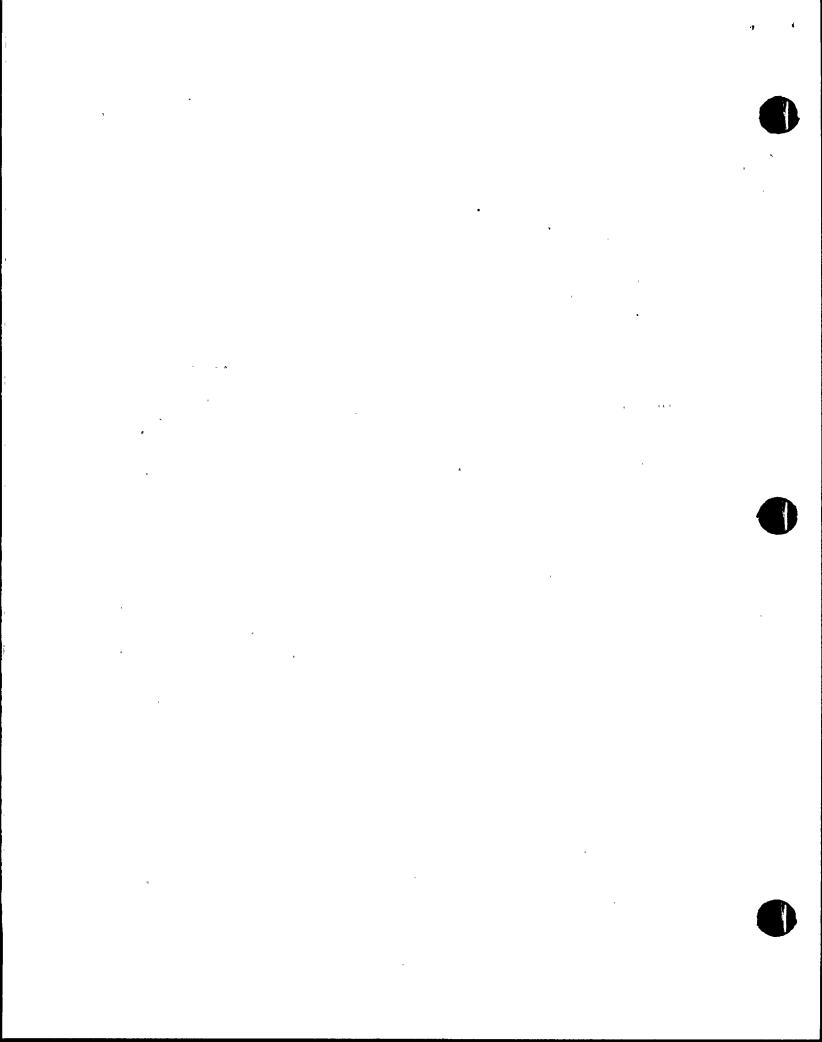
R = Raviewer identified

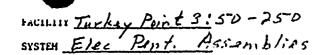
1 - Equipment is qualified

2 - Aging is less than life of plant with licensee indicating periodic replacement

- 3 Equipment requires modification (resolution, shielding, etc.)
- 4 Qualification of equipment unresolved
 - a) Testing schedule but not complete
 - b) Reviewer needs additional information
 - c) Qual. Record search still in process
- 5 Equipment not qualified
- 6 Item identified to LQB for resolution

REVIEWER CHANGE DATE 10/24/80







PAGE 2 OF 2

	CES. Page	Equip.	Generic Name	Accid. Profile	Qual. Profile	Radiation Conta	inginel.	Qual. Hethod	Chem. Spray	Accur.	Subm.	Licensea	Action	Outstanding Items	Category
	No.	,				t	Outuide	Hethou	Spray		ļ	Keplace '	Relocate	Identified by	Items
	12-21	T3C 22	EPA	~	P	~		46	2	_	_				4.6
	/2- 22			~	P	. 4	-	1/6	~	-	_			<u>-</u> .	4.6.
010061)	12-28		EPA	ند	P	2		46	i-		_	_			43
		T3I 14	EPA	~	P	~		46	~		_				46
		T3I 15		-	P	-		4/6	شد					t-m	1/6
0100612		T3[21		-	P	سد	-	46	4						46 .
	12-33	T3I32	EPA	-	P	2-	_	46	٤						46
	12-34	T3123	EPA	~	P	1		4/6	~						45
	12-35	T3±24	EPA	ــــــــــــــــــــــــــــــــــــــ	βÞ	سن		46	~			garga,		≈ /4:	43
	12-37	T3 I /2	EPA	-	P	1	-	1/6	-			-			46

Code:

B . Indicates the item is below the flood level

For S - Indicates the Item is Satisfactory

- or N - Indicates the Item is Not Applicable

UL . Indicates the item is Unresolved, Licenses identified

P = Proprietary

L - Licensee Identified

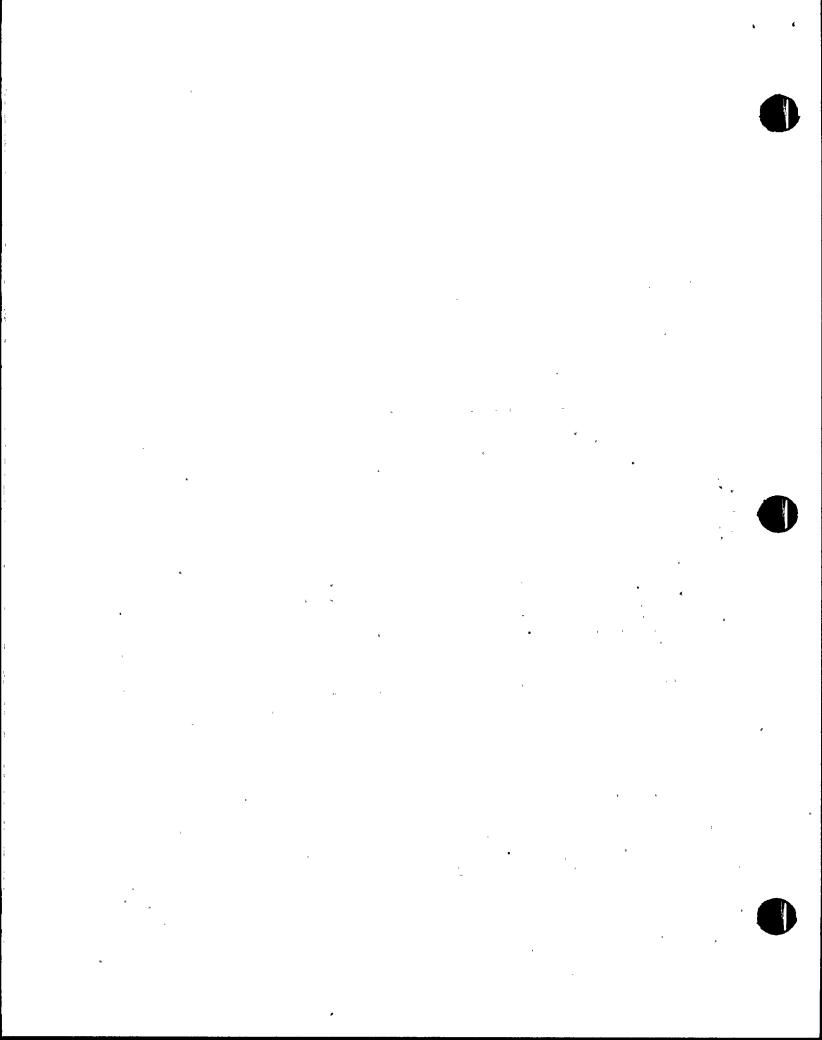
R - Reviewer identified

1 - Equipment is qualified

2 - Aging is less than life of plant with licensee indicating periodic replacement

- 3 Equipment requires modification (resolution, shielding, etc.)
- 4 Qualification of equipment unresolved
 - a) Testing schedule but not complete
 - b) Reviewer needs additional information
 - c) Qual. Record search still in process
- 5 Equipment not qualified
- 6 Item identified to EQB for resolution

REVIEWER BASE 10/34/80



SYSTEM Miscellaneous - Cables

ATTACHMENT 1 FOR 1EB 79-01B TER

or 2

	CES. Page	Equip. 1. D.	Generic Name	Accid. Profile	Qual. Profile-	Radiari Conta	նունուլ. Մանուլ	Qual.	Chem.	Accur.	Subm.	Licensee /	letion	Outstanding Items	Category].
	No.		(tame			Inside	Outside	Hethod	Spray			Replace	Relocate	Identified by.	Items	و ر ا
X-orens	13-1	Cable Code N47	Cable	_	46	مسنة		46	ب			_	-		46	3
	13-2	N 50		L	46	~		46				~	_		1/6	
	/3-3		Coble	ب	4/6	<i>ي</i>	-	46	سن			_	_		46	1
	13-4		cable	-	46	ب	_	46	سن		-				46	
	13-5		cable	•	46	<u></u>		46	~			_			46	- 3
	13-6	55	Cable	٠	46	~		46	1				-	-	46	1
	13-7	56	Cable	· ~	46	~		4/6	<u>بر</u>	_	_			_	46	
Valkon Valkon	13-8	60	Cable		-	-		46	-				_		46	
	13-9		Cable	1	1	4		46	سند		_				46	
cont corp	13-10	61	cable		46	V.		46	۳						4/6	
		NZZ	Coble		-	1		45	-				~-		1	
	13 - 12 Code:	N6	Coble			<u></u>	-							Marie array	/	

B - Indicates the item is below the flood level

or S - Indicates the item is Satisfactory

- or R - Indicates the item is not Applicable UL - Indicates the item is Unresolved, Licensee identified

P . Proprietary

L - Licensee identified

R - Reviewer identified

1 - Equipment is qualified

2 - Aging is less than life of plant with licensue indicating periodic replacement

3 = Equipment requires modification (resolution, shielding, etc.)

4 - Qualification of equipment unresolved

a) Testing schedule but not complete

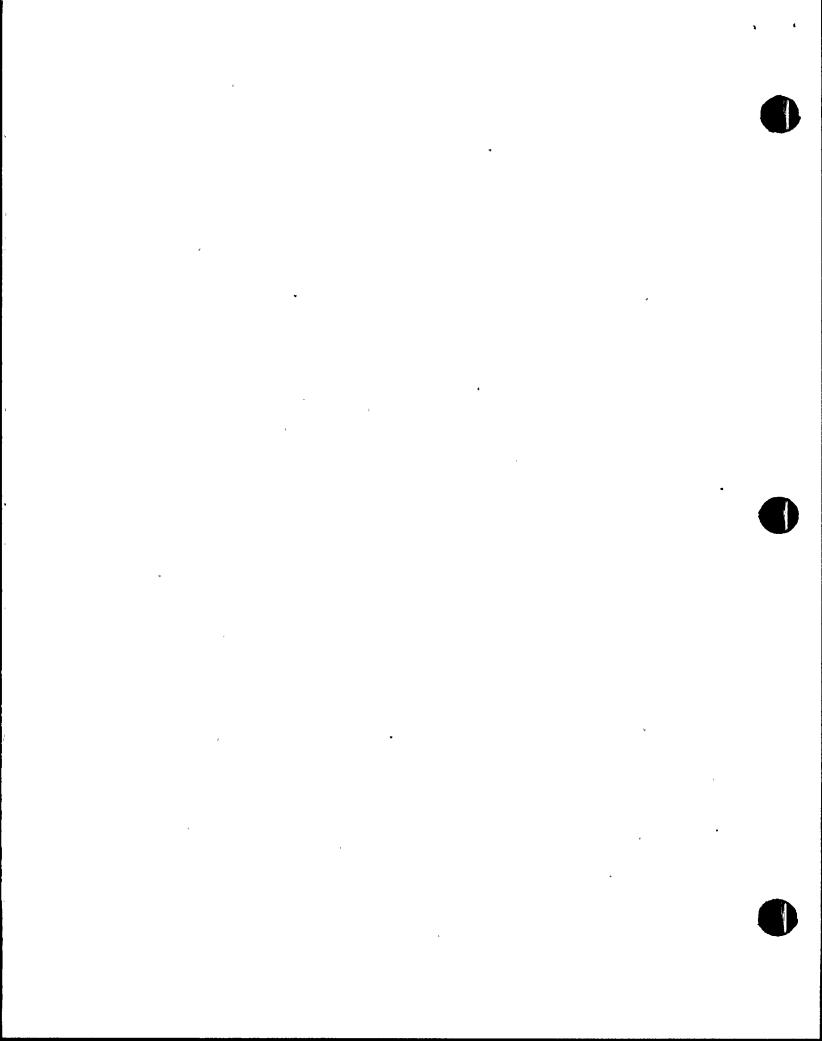
b) Reviewer needs additional information

c) Qual. Record search still in process

5 - Equipment not qualified

6 - Item identified to EQB for resolution

REVIEWER AND DATE 10/20/18



FACILITY Turkey Point 3: 50-250 SYSTEM Miscellaneous - Cables

ATTACHMENT 1 FOR 1EB 79-01B TER

PAGE 2 OF 2

CES. Page	Equip.	Generic Name	Accid. Profile	Qual. * Profile	Radiati Conta	on Qual. Inment	Qual.	Chem.	Accur.	Subs.	Licensee	Action	Outstanding Items	Category
No.	,				lnside	Outside	Hethod	Spray			Replace	Relocate	Identified by.	Of Items
13-13	Coble Code N7	Cable		_			2		.m.v		••••			1
13-14	NI9	coble				-	-		_	_	_		_	1
13-15	NZO	cable	٠ '	-	Į,	-							,, .	1
13-16	21	cable	~			-	سند	<u></u>						1
13-17	22	Cable			_	سر	2							/
13-18	23	cable			_	_	-	_	_	-	_	_		1
18-19	24,		رمسم		. /	2	.:E-	رسير	/-/	<u>/ </u>	Section of the sectio	سرتر سر	المدامس والسمر	x' /
13-20	25	Cable	_	_	_	-	-		•.					1
<u>13-21</u>	26	Cable				dam	4		abak. *	-	-			1
13-22	63	cable		_	_	-	_	-	1			~ .	_	1
13-23	64	Coble	_	_	_	-	_	_			_			1
13-24	80	Cable		-	-	-	2	_	_					,
/3-25 ode:	LIP	cable		~	-		46	2	_	-			-	415

B - Indicates the item is below the flood level

For S - Indicates the Item is Satisfactory

- or H = Indicates the Item is Not Applicable

UL - Indicates the item is Unresolved, Licensee identified

P - Proprietary

L - Licensee identified

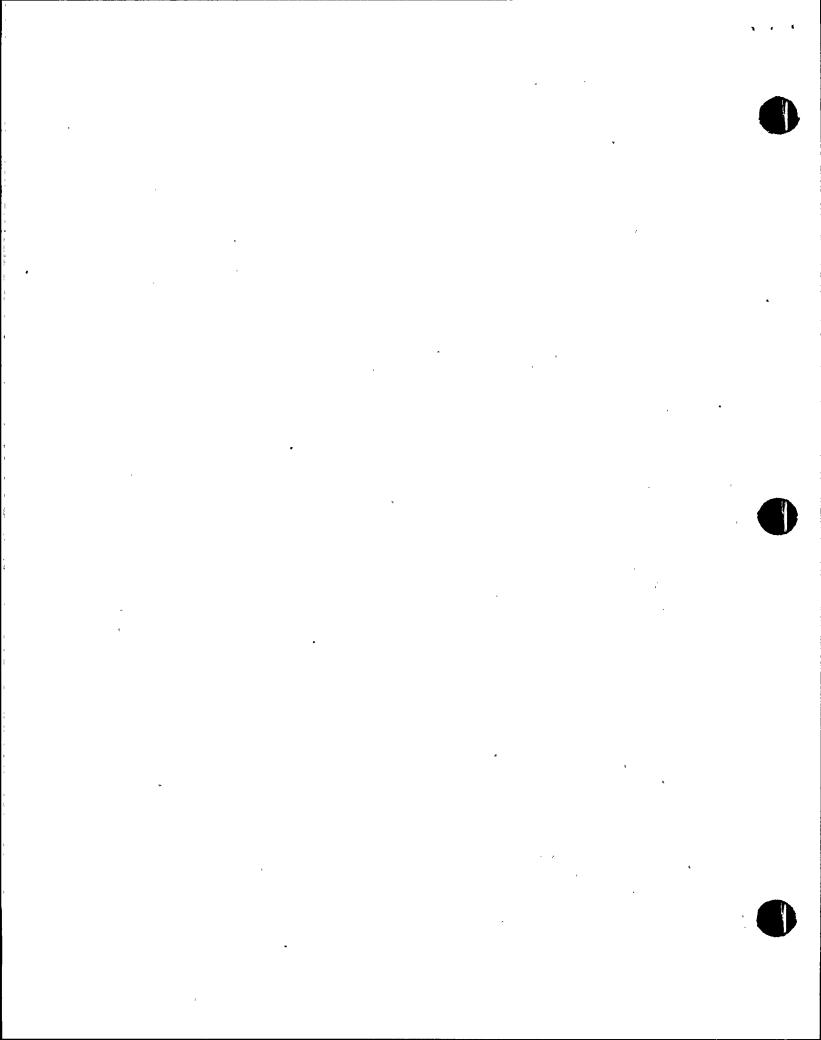
R - Reviewer identified

1 - Equipment is qualified

2 - Aging is less than life of plant with licensee indicating periodic replacement

- 3 Equipment requires modification (resolution, shielding, etc.)
- 4 Qualification of equipment unresolved
 - a) Testing schedule but not complete
 - b) Reviewer needs additional information
 - c) Qual. Record search still in process
- 5 Equipment not qualified
- 6 Item identified to EQB for resolution

REVIEWER OF DATE 16/2011



SYSTEM Tarminal Boxes

ATTACHMENT 1 FOR 1EB 79-01B TEK

CES. Page	Equip. I. D.	Ceneric Name	Accid. Profile	Qual. Profile-	Radiationta	Radiation Qual.		Chem. Spray	Accur.	Subm.	Licenses	Action	Outstanding Items	Category
No.	;					Outside	Hethod	Spray	<u> </u>	·	Keplace	Relocate	Identified by,	Items
14-1	TB 3 644	T.Bx			1	<u>ـــ</u>	_	1 00,000						1
14-2	T Bx 3065	T. Bx		_		_	-							,
14-3	T 8x		_	J		-	L							1
14-4	T8x	T. 8x	-	-				<u></u>		,				/
14-5	TBx 3123	TBX	-	den	C.	3 500	Core.					·	France.	1
14-6	TBX 3124	•	4	سه	du.		<u>د</u>	4						1
14-7	7.8x 3125	T. By	-سن		1		1	.,	<u>r</u> .				em.c.	1
14-8	T. Bx 3126	T. 8×					2	-						,
14-9	T. Bx	7. Bv	-	١	-	_	2	du-	10-a `				hftet.	1
14-10	T. Bx	T. 8×	۵.	· Gon	2	-		2-	works					1
14-11	T. BX 3134	T. Bx	_	_	_		L			-	٠.			1
14-12 Code:	T. 8x		_	-		e	2			_				1

B - Indicates the item is below the flood level

For S - Indicates the item is Satisfactory

- or N - Indicates the item is Not Applicable

UL - Indicates the item is Unresolved, Licensee identified

P - Proprietary

L - Licensee identified

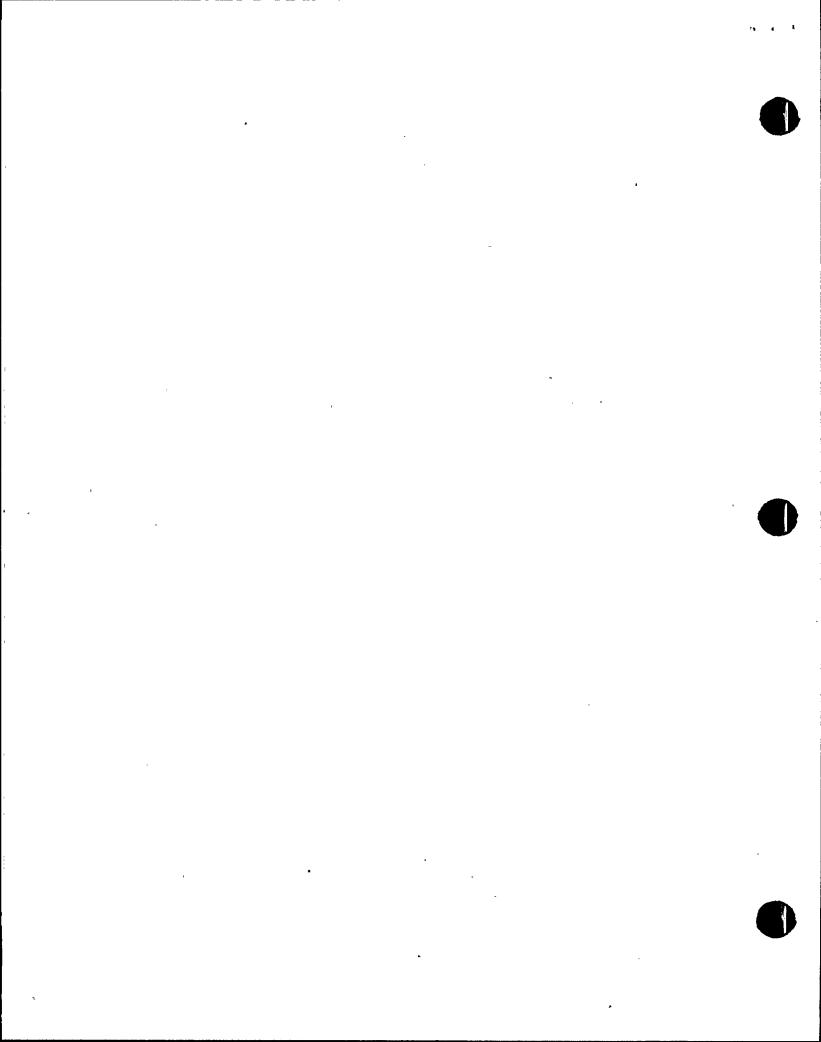
R - Reviewer identified

1 - Equipment is qualified

2 - Aging is less than life of plant with licensee indicating periodic replacement

- 3 Equipment requires modification (resolution, shielding, etc.)
- 4 Qualification of equipment unresolved
 - a) Testing schedule but not complete
 - b) Reviewer needs additional information
 - c) Qual. Record search still in process
- 5 Equipment not qualified
- 6 = Item identified to EQB for resolution

REVIEWER CARALLE DATE 19/21/80





PAGE ______ OF ______

CES. Page	Equip. 1. D.	Generic Name	Accid. Profile	Qual. Profile-	Radiati	on Qual. Innene	Qual. Hethod	Chen. Spray	Accur.	Subm.	Licensee Action		Outstanding Items	Category
No.	1				Inside	Outside	nection	Spray			Replace	Relocate	Identified by	Items
14-13	T. Bx 3143	T. 8x	-	-	<u>د</u>		-	-		B		405	2	3
14-14	T. 84 3144		~	~	~		~	ـــ		B	_	YPS	2	3
	T. BX 3145		2-	1			-	~				-		1
14-16	T. Bx	T. 3×	-		-	-	-							1
14-17	T. Bx	17.8×	_		_		4		~~~			 ,		1
14-18	T. Bx	T. Bx			_	-	-							1
14-19	T. 8 x 33 u)	T. BX		-	~			1		212	-		1	c)
14-20	T. 84 33 23	T. Bx	~	1	سد			4		211	-		4	4
14-21	T. 8x 3305	T. By		_	_	1	2-			-		_		/
14-22	T. By		_	-	_	-	1			_				,
					-		,					1		

B = Indicates the item is below the flood level

or S = Indicates the item is Satisfactory

- or H - Indicates the item is Not Applicable

UL - Indicates the item is Unresolved, Licensee identified

P - Proprietary

L - Licensee identified

R = Reviewer identified

1 - Equipment is qualified

2 - Aging is less than life of plant with licensee indicating periodic replacement 3 = Equipment requires modification (resolution, shielding, etc.)

4 - Qualification of equipment unresolved

a) Testing schedule but not complete

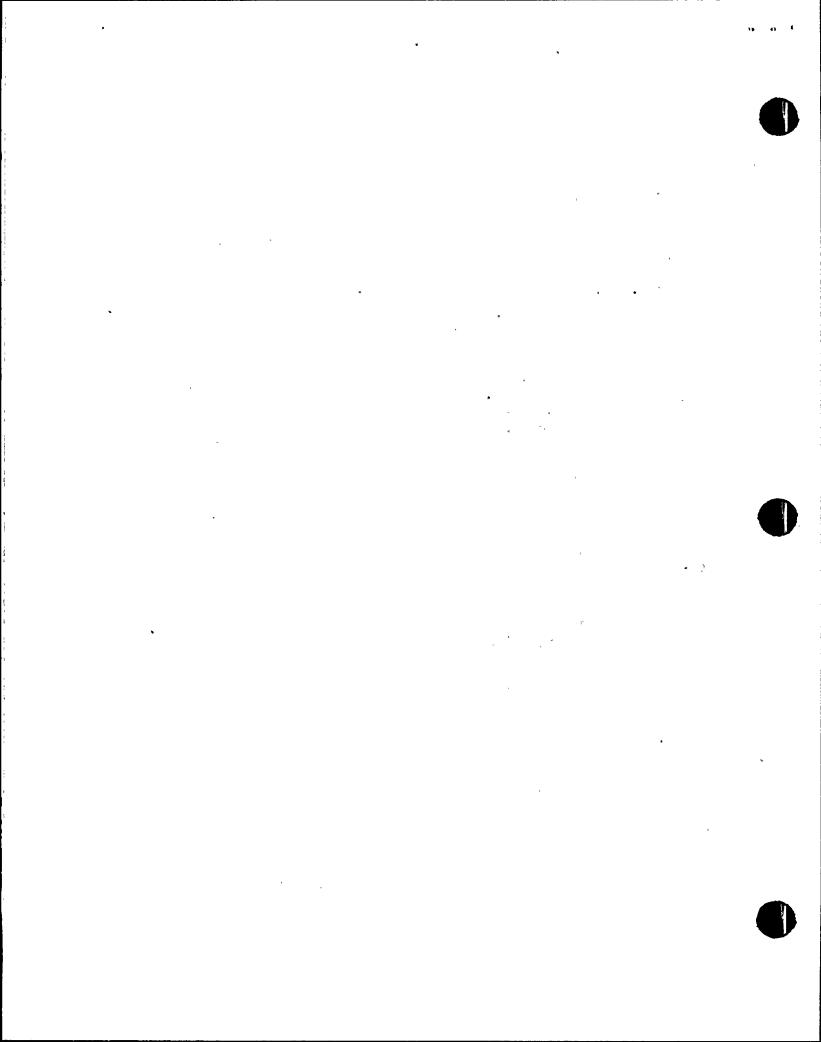
b) Reviewer needs additional information

c) Qual. Record search still in process

5 - Equipment not qualified

6 = Item identified to EQB for resolution

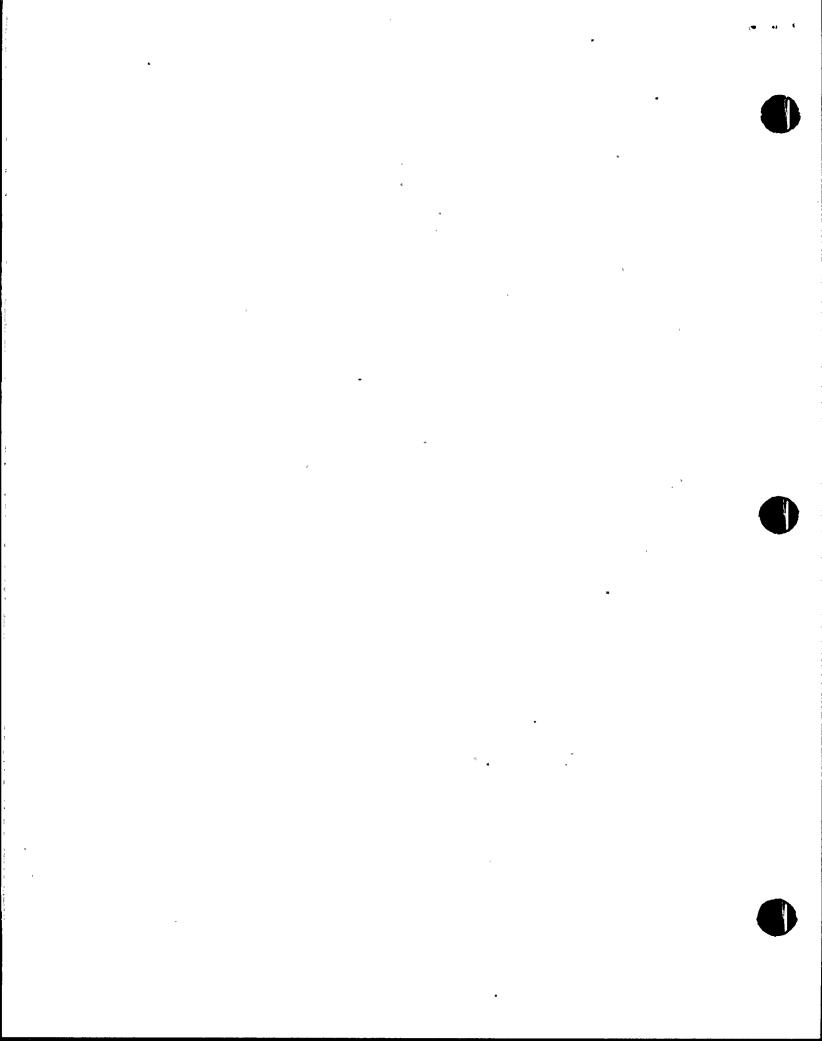
REVIEWER DATE 10/31/80



ATTACHMENT 2 FUNCTIONS/SYSTEMS LIST (W) PWR

Needed For Mitigation Of Consequences Of LOCA Or MSLB

- 1. Reactor Protection
- 2. Safeguards Actuation
- 3. Containment Isolation
- 4. Main and Auxiliary Steam Isolation
- 5. Main and Auxiliary Feedwater Isolation
- 6. Feedwater Control
- 7. Containment Spray
- 8. Containment Air Purification/Cleanup
- 9. Containment Ventilation/Cooling
- 10. Containment Combustible Gas Control
- 11. High Pressure Injection
- 12. Low Pressure Injection
- 13. Accumulators
- 14. Residual Heat Removal
- 15. Chemical and Volume Control
- 16. Pressurizer Spray
- 17. Power Operated Relief Valves
- 18. Steam Dump
- 19. Containment Radiation/Monitoring
- 20. Containment Radiation/Sampling
- 21. Component Cooling Water
- 22. Service Water
- 23. Emergency Power
- 24. Containment Sump
- 25. Control Room Habitability
- 26. Safety Equipment Area Ventilation
- 27. Auxiliary Feedwater
- 28. Reactor Coolant



Facility: Turkey Point 3
Docket: 50-250

SECTION C 4

LIST OF QUALIFICATION DOCUMENT REFERENCES

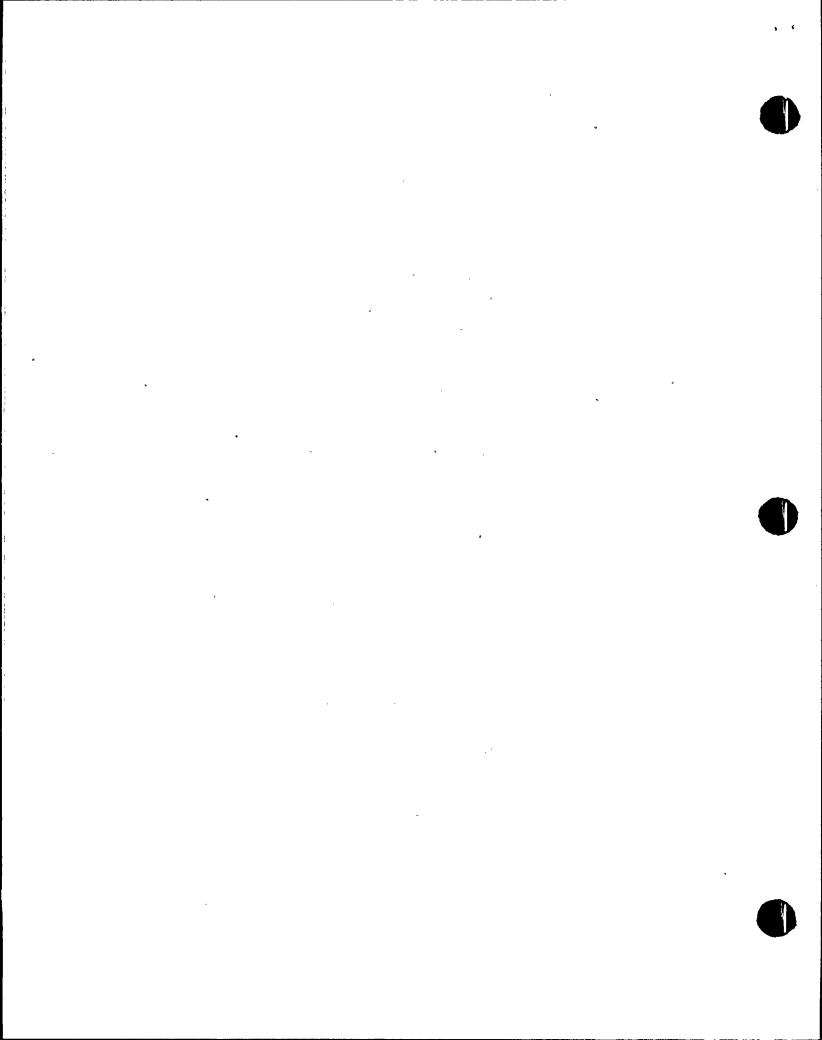
(Located in Turkey Point Document Control)

NO.

DESCRIPTION

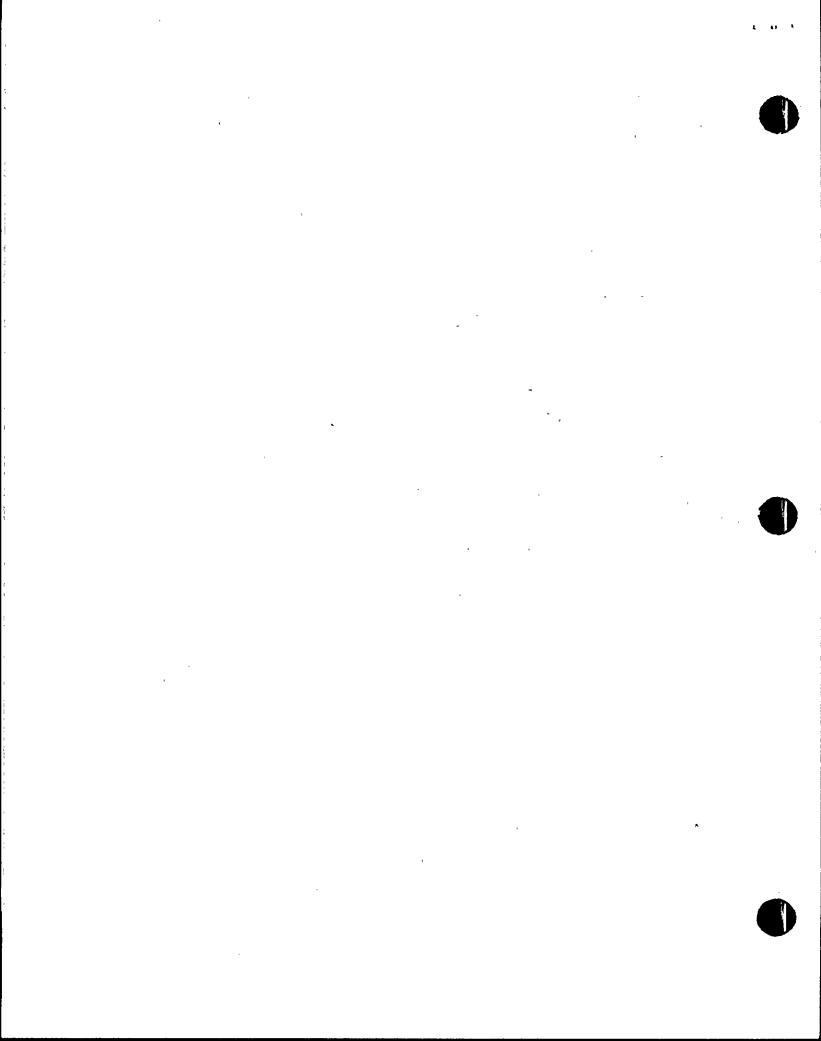
- 1. POST LOCA PRESSURE AND TEMPERATURE TRANSIENTS INSIDE CONTAINMENT ENGINEERING ANALYSIS (5177-M08-124-1 & 5177-M08-124-2)
- 2. POST LOCA RADIATION DOSE INSIDE CONTAINMENT MATHEMATICAL ANALYSIS
- 3. FPL LETTER TO USNRC L-75-210 DATED 4-30-75
 - 3.1. FPL CALCULATION OF T.P. RECIRC. SUMP LIQUID PH ADJUSTMENT
 - 3.2 CALCULATION OF POST LOCA CONTAINMENT SUMP LEVEL
- 4. POST LOCA RADIATION DOSE OUTSIDE CONTAINMENT MATHEMATICAL ANALYSIS
- 5. FISCHER & PORTER REPORT # DP-2224-1 RPT # 002
- 6. FISCHER & PORTER REPORT # DP-2224-1 RPT # 004
- 7. FISCHER & PORTER TEST REPORT 2204-51-B-006
- 8. FISCHER & FORTER LETTER 3-6-75 WITH AMERON LAB TEST # 1550a DATED 3-23-72
- 9. WESTINGHOUSE LETTER NS-CE-1586, 10-28-77
- 10. JOY ENGINEERING TEST REPORT 1969, V.P. 5610-M-39-41-1
- 11. WESTINGHOUSE WCAP-7410-L VOL. I OF II FINAL REPORT F-C2639 BY FRANKLIN INSTITUTE RESEARCH LAB (NOV. 1969)
- 12. WESTINGHOUSE WCAP-7410-L VOL. I OF II, FINAL REPORT F-C2667 BY FRANKLIN INSTITUTE RESEARCH LAB (NOVEMBER 1969)
- 13. WESTINGHOUSE WCAP-9157 SECTION 2-7 AND APPENDICES
- 14. WESTINGHOUSE WCAP-7410-L VOL. I OF II SECTION 5
- 15. WESTINGHOUSE WCAP-7410-L VOL. I OF II APPENDIX D FINAL REPORT F-C2485-01
- 16. WESTINGHOUSE WCAP-7410-L VOL I OF II APPENDIX C FINAL REPORT F-C2232-01
- 17. FSAR TABLE 6.7-1
- 18. FPL LETTER L-75-247 TO NRC, MAY 21, 1975
- 19. LIMITORQUE TEST REPORT # 600198

Page 1873



- 20. WESTINGHOUSE WCAP-7410-L VOL. II OF II TOPICAL REPORT, ENVIRONMENTAL TESTING
- 21. ENGINEERING ANALYSIS OF DOUSING VALVES
- 22. ANALYSIS OF OPERATING TIME FOR DEVICES COVERED IN IE BULLETIN 79-01B MASTER LIST
- 23. RAYCHEM LETTER 4-14-80 ON HEAT SHRINKABLE TUBING "RNF-100"
- 24. OKONITE LETTER (MARCH 22, 1971) TO BECHTEL AND IEEE TRANSACTIONS PAPER, VOL. PAS 88, NO. 5 MAY 1969
- 25. BECHTEL LETTER (APRIL 7, 1980) TO OKONITE AND OKONITE REPLY (APRIL 10, 1980)
- 26. ENGINEERING ANALYSIS OF CROUSE-HINDS PENETRATIONS
- 27. WESTINGHOUSE SPECIFICATION SHEETS FOR INSTRUMENTS
- 23. QUALIFICATION TEST OF LIMITORQUE VALVE ACTUATOR IN A STEAM ENVIRONMENT FIRL F-C3271
- 29. A STATUS REPORT ON G.E. WIRE AND CABLE DEPARTMENT COMPREHENSIVE TESTING PROGRAM WITH COVER LETTER FROM G.E. DATED MAY 30, 1949, AND MATHEMATICAL ANALYSIS
- 30. ENGINEERING ANALYSIS OF THERMOCOUPLE EXTENSION WIRE
- 31. CONTINENTAL WIRE & CABLE TEST REPORT AND MATHEMATIC ANALYSIS
- 32. CHARCOAL FILTER TEMPERATURE ELEMENTS ENVIRONMENTAL QUALIFICATION ENGINEERING ANALYSIS
- 33. CONTAINMENT-VENT AIR FLOW SWITCHES ENVIRONMENTAL QUALIFICATION ENGINEERING ANALYSIS
- 34. ITT BARTON QUALITY RELEASE FOR LEVEL TRANSMITTERS
- 35. ENGINEERING ANALYSIS FOR REPLACEMENT SOLENOID VALVES (INSIDE CONTAINMENT)
- 36. FISCHER & PORTER DIFFERENTIAL PRESSURE TRANSMITTER TEMPERATURE EXTRAPOLATION.
- 37. HEAT SHRINKABLE INSULATING SLEEVES ENGINEERING ANALYSIS BASED ON FIRL REPORT F-C4033-3
 - 37.1 PC/M 79-35 & 36 SIGN OFF INSPECTION SHEETS
- 38. ENGINEERING ANALYSIS OF MACKWORTH G. REES LOCAL CONTROL STATIONS
- 39. SCOTCH TYPE 23 ELECTRICAL TAPE PRODUCT DATA & 3M LETTER OF 4-14-80
- 40.1 FPL LETTERS TO USAEC ON PIPE BREAK ANALYSIS 2-26-73 AND 6-21-73
- 40.2 USAEC LETTER TO FPL 4-2-73
- 41. STATIC O RING PRESSURE SWITCHES ENGINEERING ANALYSIS ON QUALIFICATION

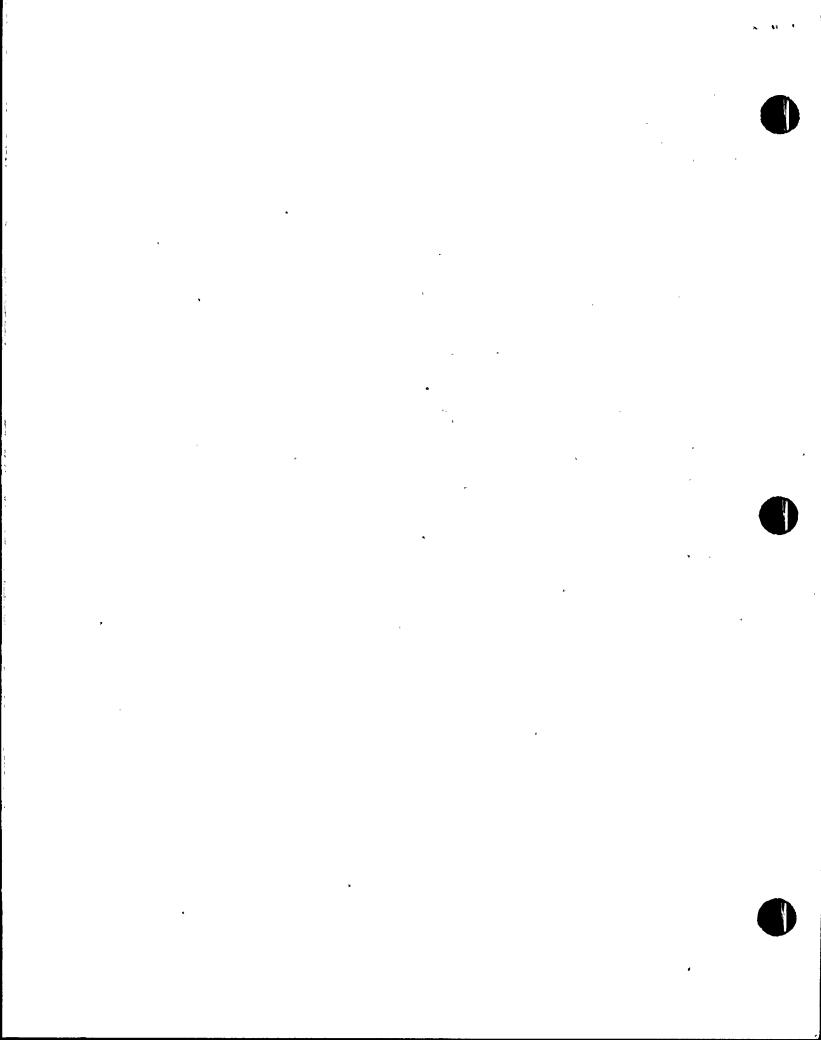
Page 2 of 3



Attachment 3

- 42. ENGINEERING ANALYSIS ON QUALIFICATION OF MOTOROLA PRESSURE TRANSMITTERS
- 43. QUALIFICATION TYPE TEST REPORT NO. BOOO3 LIMITORQUE VALVE ACTUATORS OUTSIDE PRIMARY CONTAINMENT
- 44. QUALIFICATION TEST REPORT FOR ROSEMOUNT PRESSURE TRANSMITTER RMT REPORT NO. 3788 REV. A
- 45. ENGINEERING ANALYSIS OF RCS TO RHR INLET ISOLATION VALVES
- 46. ENVIRONMENTAL QUALIFICATION/ANALYSIS OF UNITED ELECTRIC PRESSURE AND LEVEL CONTROLLERS
- 47. ENVIRONMENTAL QUALIFICATION OF CLASS IE MOTORS FOR NUCLEAR OUT-OF-CONTAINMENT USE WESTINGHOUSE WCAP-8754 (PAGES 4-1 & 5-1)
- 48. ENGINEERING ANALYSIS QUALIFICATION OF SOLENOID VALVE IN AUXILIARY BUILDING AND STEAM LINE BREAK AREAS
- 49. ENGINEERING ANALYSIS CHARCOAL FILTER DOUSING VALVES
- 50. QUALIFICATION ANALYSIS FOR NAMCO LIMIT SWITCHES
- 51. ISOMEDIX TEST REPORT FOR INSTRUMENT CABLE FOR PT-406 AND PT-407 RCS PRESSURE TRANSMITTERS
- 52. QUALIFICATION OF REPLACEMENT NAMCO CONTROLS LIMIT SWITCH MODEL EA-180-11302
- 53. ENGINEERING ANALYSIS FOR AGING OF DEVICES COVERED IN IEB-7901B MASTER LIST
- 54. GENERAL ELECTRIC LETTER TO BECHTEL DATED MAY 16, 1980
- 55. ENGINEERING ANALYSIS OF ITT BARTON PRESSURE CONTROLLERS & DIFFERENTIAL PRESSURE SWITCHES
- 56. CHEMPUMP LETTER TO BECHTEL DATED JUNE 10, 1980
- 57. FISHER CONTROLS LETTER TO FPL DATED MAY 2, 1980 AND TYPE 546 BULLETIN
- 58. ENGINEERING ANALYSIS-RADIATION DETECTORS RD-11, RD-12
- 59. ENGINEERING ANALYSIS OF DAYTON MOTORS
- 60. ENGINEERING ANALYSIS AND PRODUCT SPECIFICATIONS FOR FOXBORO INSTRUMENTS

Page 3 of 3



Facility: Turkey Point 3 Docket 50-250

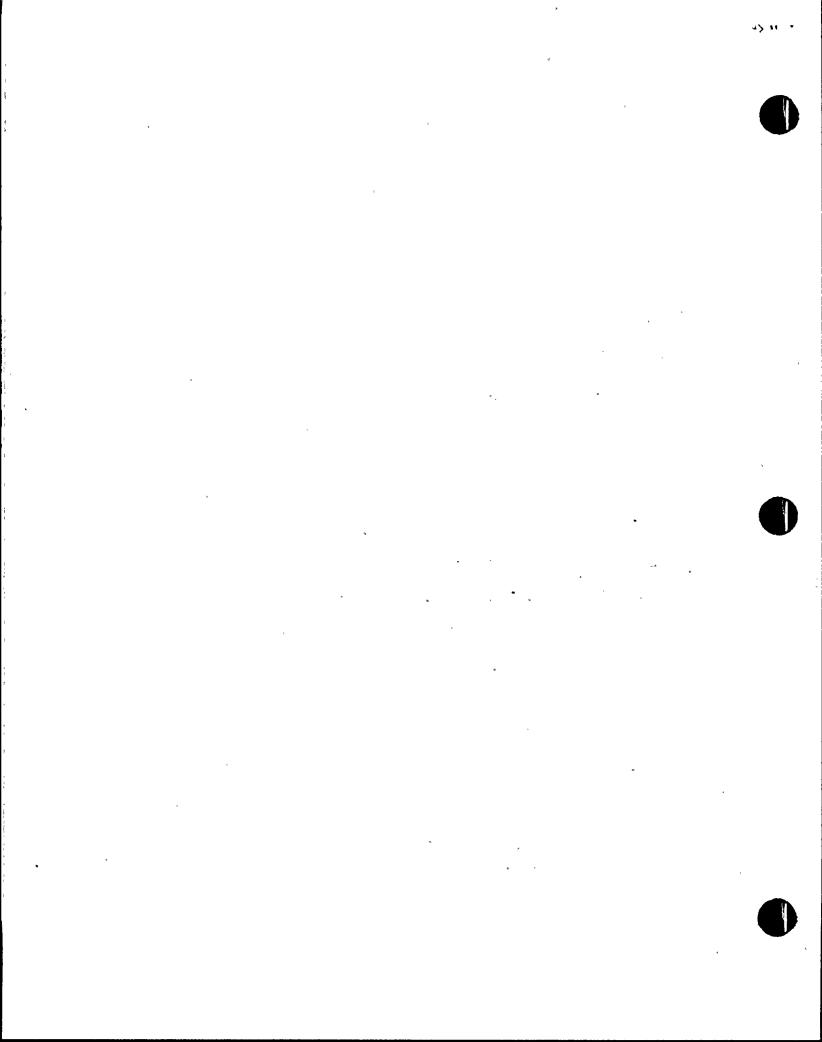
Attachment 4

OUTSTANDING ITEMS

As Identified By

Licensee

CES	ITEM		DISPOSIT	ION		Disposition
1	(See Code)	Replace	Modify	Ongoing Analysis	Other	Schedule, Notes
Reactor Cools			·		 	<u> </u>
t .	PT-3- 403	-	س			1
1-2	T PT-3-405		· ~			2 (Relocate)
1-3	PT-3-406		~			2 (Relocata)
1-4	PT-3-404		_		,,	2 (Relocata)
1-15	T 17-3-459	-				,
1-16	T 17-3-460	-		1	,	! · /
vt.	T	_	'			1
Chem Vol Con	5V-3-310A	4				la
	L±.5w. CV-3-310A	~				la
	SV-3-310B	~	-			1a,2
2-4	1+5w CV-3-310B	~	_			1a, 2
2-9	SV SV-3-200A	∠ .				la.
2-10	Lt.Sw. CV-3-200A	~				19.
2-11	5V 5V-3-200B	V				la:
2-12	· Lt. Sw CV- 3-200B	~				la
2-13	57-3-200C	~				12
2-14	2t.Sw. CV- 3-200C	~				la



Facility: Turkey Bint 3.

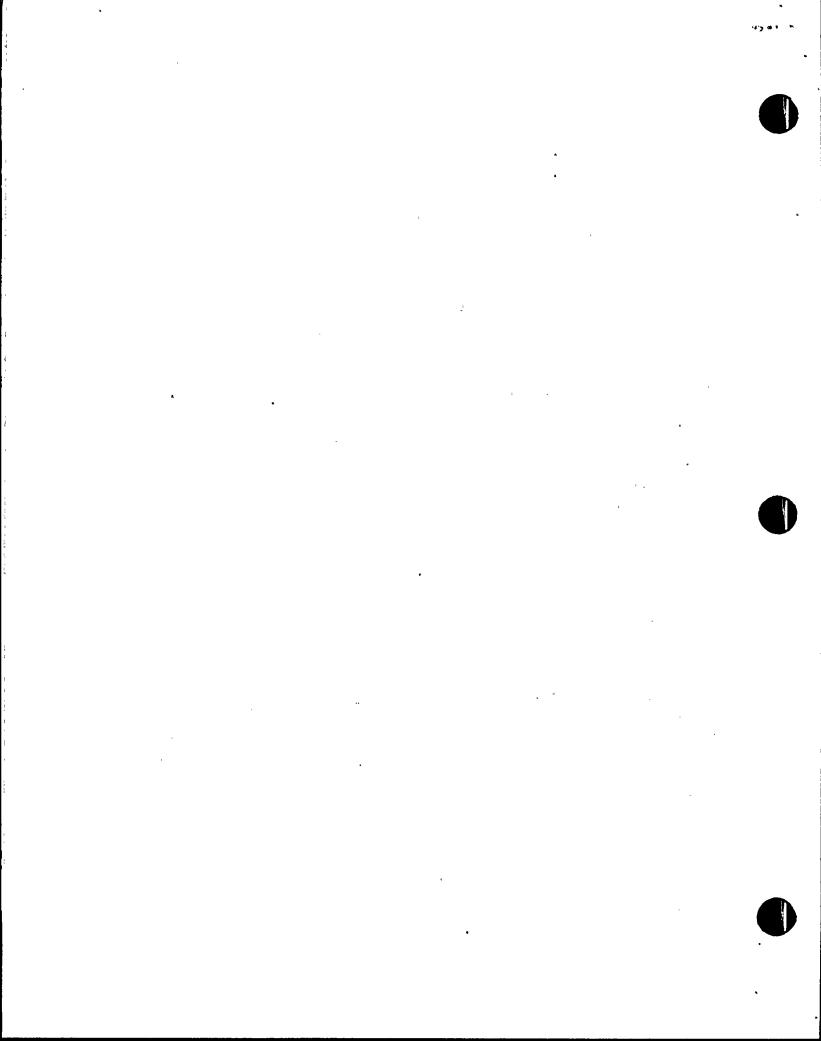
Attachment 4

OUTSTANDING ITEMS

As Identified By

Licensee

C E S Page No.	ITEM (See Code)	Replace	DISPOSIT Modify	ION Ongoing Analysis	Other	Disposition Schedule, Notes
		Keprace	Hourry	Marysrs	- CHCI	
SI/RHR 3-9	T FT- 3-932		-			2 (relocate)
3-10	FT-3- 933		<u></u>			2 (relocate)
3.73	25 - 3 - 1570	-				1, 2
3-74	15 - 3 - 1571	~	_			1. 2
Cont Vent. 9-49	Junetim Box TB 3115	i-	4		-	1, 2
	5V 5V-3- 2601	~				! /
9-114	SV- 3-2804	L				,
9-115	12.5w POV-3-2601	~				1
9-116	5V 5V- 3- 26'03	<u></u>				1
9-117	5V 5V-3-2806	4				1
9-118	12.5w POV-3-2603	٧				1
9-125	SV SV-3- 2819	<i>1</i>				1
9-126	CV CV-3-2819	₩.				1
Tarminal Box	TB.3143		<u>ب</u>			2 (relocate)
14-14	T. 8 Y TB 3144		V		,	2 (relocate)
	4	A				,



Facility: Turkey Point 3

Docket No.: 50-250

NOTES:

- 1. Item to be replaced at first opportunity.
- 1.a Procurement action has been completed and installation will be done during the refueling outage after the satisfactory qualification test of the conduit seal material.
- 2. Item could be submerged under water if water level in containment during LOCA reached maximum level. This will be relocated at earliest opportunity.

CODE:

Lt. Sw .. Limit Switch

SV Solenoid Valve

S Switch (LS - Level SW, PS - Pressure SW, FS - Flow SW)

T Transmitter

MOV Motor Operated Valve

Mtr Motor

C Controller

TE Temperature Element

T. Bx ... Terminal or Junction Box

RD Radiation Detector

TB Terminal Blocks

47C E, 17