



NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

February 2, 1982



Mr. Ronald C. Haynes, Director
United States Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

Dear Mr. Haynes:

In accordance with our letter of December 31, 1981, attached are System Component Evaluation work sheets for TMI action plan equipment. This information is being provided for TMI action plan equipment not requiring a pre-implementation review as specified by Supplement No. 3 to I.E. Bulletin 79-01B. We will provide a status of our progress for resolving remaining open items by June 1, 1982.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION

Thomas E. Lempges
Vice President
Nuclear Generation

RJP:ja
Attachment

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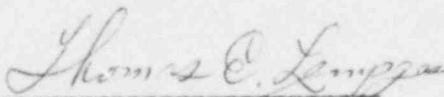
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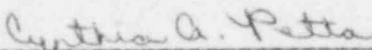
ss:

Thomas E. Lempges, being duly sworn, says:

I am Vice-President - Nuclear Generation of Niagara Mohawk Power Corporation. I have read the foregoing letter and the facts contained in the letter and attachment are true to the best of my knowledge, information and belief.


Thomas E. Lempges

Sworn to before me on
this 2nd day of February 1982


Notary Public

CYNTHIA A. PETTA
Notary Public in the State of New York
Qualified in Onondaga Co. No. 4582225
My Commission Expires March 30, 1982

System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1			System <u>Inadequate Core Cooling</u>		Identification No. <u>36-24A</u>	
	☐ In Containment ☒ Out of Containment			P&ID <u>C-18015-C</u>		Component <u>Level Transmitter</u>	

Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Rosemount	Operating Time	100 days		4			Note 1
Model <u>x</u> or type 1153DA5	Temperature (F)	165 ⁰ F		1			Note 1
Function: Level	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: Containment Level	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u> </u> Below	Radiation (R&D)	2 x 10 ⁶ R		5			Note 1
Other: Rx Bldg. El. 237'	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

Rev. 0 1/31/82

System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment			System <u>Inadequate Core Cooling</u> P&ID <u>C-18015-C</u>		Identification No. <u>36-24B</u> Component <u>Level Transmitter</u>	
Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
Manufacturer:	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Rosemount	Operating Time	100 days		4			Note 1
Model <u>x</u> or type 1153DA5	Temperature (F)	165 ⁰ F		1			Note 1
Function: Level	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: Containment Level	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u> </u> Below	Radiation (R&D)	2 x 10 ⁶ R		5			Note 1
Other: Rx Bldg. El. 237'	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

Rev. 0 1/31/82

System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1		System <u>Inadequate Core Cooling</u>		Identification No. <u>36-23A</u>		
	☐ In Containment ☒ Out of Containment		P&ID <u>C-18015-C</u>		Component <u>Pressure Transmitter</u>		

Data	Environment			Documentation Ref.		Qualif. Method	Out- standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Rosemount	Operating Time	100 days		4			Note 1
Model <u>x</u> or type 1153GA9	Temperature (F)	212 ⁰ F		1			Note 1
Function: Containment Pressure	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: Containment Pressure	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u> </u> Below	Radiation (R&D)	2 x 10 ⁶ R		5			Note 1
Other: Rx Bldg. El. 281'	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessments Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1			System	Inadequate Core Cooling	Identification No.	36-23B
	☐ In Containment ☒ Out of Containment			P&ID	C-18015-C	Component	Pressure Transmitter

Data	Environment			Documentation Ref.		Qualif. Method	Out- standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Rosemount	Operating Time	100 days		4			Note 1
Model ☒ or type 1153GA9	Temperature (F)	212 ⁰ F		1			Note 1
Function: Containment Pressure	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: Containment Pressure	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u> </u> Below	Radiation (R&D)	2 x 10 ⁶ R		5			Note 1
Other: Rx Bldg. El. 281'	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessments Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B		NMP Unit 1 x In Containment ___ Out of Containment		System Inadequate Core Cooling P&ID		Identification No. 36-29A Component Thermocouple	
Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
Manufacturer:	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Pyco	Operating Time	100 days					Note 1
Model xor type 02-3171-08-2.0-3.95	Temperature (F)	301 ⁰ F		6			Note 1
Function: Temperature Measurement	Pressure (psig)	35 psig		6			Note 1
Accuracy: (%) Spec. NA Demo. NA	Relative Humidity (%)	100%		6			Note 1
Service: Inadequate Core Cooling	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: x Above ___ Below	Radiation (R&D)	5 x 10 ⁷ R		5			Note 1
Other: NA	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 x In Containment ___ Out of Containment			System <u>Inadequate Core Cooling</u>		Identification No. <u>36-29B</u>	
				P&ID <u>C-18015-C</u>		Component <u>Thermocouple</u>	

Data	Environment			Documentation Ref.		Qualif. Method	Out- standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Pyco	Operating Time	100 days					Note 1
Model <u>xor type</u> 02-3171-08-2.0- 3.95	Temperature (F)	301 ⁰ F		6			Note 1
Function: Temperature Measurement	Pressure (psig)	35 psig		6			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		6			Note 1
Service: Inadequate Core Cooling	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: x <u>Above</u> ___ <u>Below</u>	Radiation (R&D)	5 x 10 ⁷ R		5			Note 1
Other: NA	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet 12E B. 79-01B	NMP Unit 1		System	Inadequate Core	Identification No. 36-29C		
	☐ In Containment ☒ Out of Containment		P&ID	Cooling C-18015-C	Component	Thermocouple	

Data	Environment			Documentation Ref.		Qualif. Method	Out- standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Pyco	Operating Time	100 days	.	4			Note 1
Model <u>x</u> or type 02-3171-08-2.0- 3.95	Temperature (F)	212 ⁰ F		1			Note 1
Function: Temperature Measurement	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: Inadequate Core Cooling	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u> </u> Below	Radiation (R&D)	2 x 10 ⁶ R		5			Note 1
Other: Rx Bldg. El. 281' <u> </u>	Aging	40 years					Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment		System <u>Inadequate Core Cooling</u> P&ID <u>C-18015-C</u>	Identification No. <u>36-29D</u> Component <u>Thermocouple</u>
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Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
Manufacturer:	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Pyco	Operating Time	100 days	.	4			Note 1
Model <u>x</u> or type 02-3171-08-2.0-3.95	Temperature (F)	212°F		1			Note 1
Function: Temperature Measurement	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: Inadequate Core Cooling	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u> </u> Below	Radiation (R&D)	2 x 10 ⁶ R		5			Note 1
Other: Rx Bldg. El. 281'	Aging	40 years					Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B		NMP Unit 1 In Containment ☒ Out of Containment		System <u>Increased Range</u> Radiation Monitoring		Identification No. <u>201.7-36A</u>	
		P&ID		C-18014-C Sh. 2		Component <u>Gamma Detector</u>	
Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
Manufacturer:	Parameter	Spec.	Qualif.	Spec.	Qualif.		
General Atomic	Operating Time	100 days	50 days	4	7	Simultan. Testing	Note 1
Model <u>x</u> or type <u>RD-23</u>	Temperature (F)	202°F	390°F	1	7	Simultan. Testing	None
Function: Radiation Detection	Pressure (psig)	1 psig	57 psig	1	7	Simultan. Testing	None
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%	100%	1	7	Simultan. Testing	None
Service: Containment High Radiation	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u>Below</u>	Radiation (R&D)	2 x 10 ⁶ R	1 x 10 ⁹ R	5	7	Test	Note 1
Other: Rx Bldg. E1 261'	Aging	40 years	40 years	NA	7	Analysis	None
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment		System Containment Increased Range Radiation Monitor P&ID C-18014-C		Identification No. 201.7-37A Component Gamma Detector		
Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
Manufacturer: General Atomic	Parameter	Spec.	Qualif.	Spec.	Qualif.		
	Operating Time	100 days	50 days	4	7	Simultan. Testing	Note 1
Model ☒ or type RD-23	Temperature (F)	300 ° F	390 ° F	1	7	Simultan. Testing	None
Function: Radiation Detection	Pressure (psig)	1 psig	57 psig	1	7	Simultan. Testing	None
Accuracy: (%) Spec. NA Demo. NA	Relative Humidity (%)	100%	100%	1	7	Simultan. Testing	None
Service: Containment High Radiation	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: ☒ Above ☐ Below	Radiation (R&D)	2 x 10 ⁶ R	1 x 10 ⁴ R	5	7	Test	Note 1
Other: Rx Bldg. ET 306	Aging	40 years	40 years	NA	7	Analysis	None
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment			System <u>Increased Radiation</u> <u>Monitors</u> P&ID <u>NA</u>		Identification No. <u>NA</u> Component <u>Coaxial Cable RG59U</u>	
	Data	Environment			Documentation Ref.		Qualif. Method
Manufacturer:	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Rock bestos	Operating Time	100 days	395 days	4	8	Test	None
Model <u>x</u> or type RSS-6-104	Temperature (F)	212°F	230°F	1	8, 9	Simultan. Testing	None
Function: Radiation Monitor Signals	Pressure (psig)	1 psig	104 psig	1	8	Simultan. Testing	None
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%	100%	1	8	Simultan. Testing	None
Service: Incr. Range Radiation Mon.	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u>Below</u>	Radiation (R&D)	2×10^6	2×10^8	1	8	Test	Note 1
Other: Rx Bldg. Various Elev. <u> </u>	Aging	40 years	40 years	NA	8	Test & Analysis	None
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment		System Containment Increased Range Rad Monitor P&ID NA	Identification No. NA Component Coaxial Cable Connector			
Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: D. G. O'Brien	Operating Time	100 days		4			Note 1
Model ☒ or type C10C0001 G14 C10C1001 G21	Temperature (F)	300 ⁰ F		1			Note 1
Function: Cable Connection	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. NA Demo. NA	Relative Humidity (%)	100%		1			Note 1
Service: Radiation Monitoring	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: ☒ Above ☐ Below	radiation (R&D)	6 2 x 10 R		5			Note 1
Other: Rx. Bldg. El. 306'	Aging	40 years					Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1 - Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment			System Increased Range P&ID Rad. Monitors NA	Identification No. NA Component Coaxial Cable Connector		
Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: D.G. O'Brien	Operating Time	100 days		4			Note 1
Model <u>x</u> or type C10C0001G14 C10C1001G21	Temperature (F)	202 ⁰ F		1			Note 1
Function: Cable Connection	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: Radiation Monitoring	Chemical Spray	NA	NA	NA	NA	NA	Note 1
Flood Level: <u>x</u> Above <u> </u> Below	Radiation (R&D)	2 x 10 ⁶ R		5			Note 1
Other: Rx Bldg. El. 261'	Aging	40 years					Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment <u>x</u> Out of Containment		System	Containment Accident Mon.	Identification No.	58-05	
			P&ID	C-18041-C	Component	Level Transmitter	

Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Rosemount	Operating Time	100 days		4			Note 1
Model <u>x</u> or type 1152T0280	Temperature (F)	212 ⁰ F		1	2,3		Note 1
Function: Torus Water Level	Pressure (psig)	1 psig		1	2,3		Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1	2,3		Note 1
Service: Torus Water Level	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u> </u> Below	Radiation (R&D)	2 x 10 ⁶ R		5	2,3		Note 1
Other: Rx. Bldg. El. 198'	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing.

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1			System Containment Accident Mon.		Identification No. 58-06	
	☐ In Containment ☒ Out of Containment			P&ID C-18041-C		Component Level Transmitter	

Data	Environment			Documentation Ref.		Qualif. Method	Out- standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Rosemount	Operating Time	100 days		4			Note 1
Model ☒ or type 1152T0280	Temperature (F)	212°F		1	2,3		Note 1
Function: Torus Water Level	Pressure (psig)	1 psig		1	2,3		Note 1
Accuracy: (%) Spec. NA Demo. NA	Relative Humidity (%)	100%		1	2,3		Note 1
Service: Torus Water Level	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: ☒ Above ☐ Below	Radiation (R&D)	2 x 10 ⁶ R		5	2,3		Note 1
Other: Rx. Bldg. El. 198'	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1		System <u>Cont. Accident Mon.</u>		Identification No. <u>201.2-484</u>		
	☐ In Containment ☒ Out of Containment		P&ID <u>C-18014-C</u>		Component <u>Pressure Transmitter</u>		

Data	Environment			Documentation Ref.		Qualif. Method	Out- standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Rosemount	Operating Time	100 days		4			Note 1
Model <u>x</u> or type 1153 Series A	Temperature (F)	212 ⁰ F		1	2,3		Note 1
Function: Containment Pressure	Pressure (psig)	1 psig		1	2,3		Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1	2,3		Note 1
Service: Containment Pressure Indication	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u> </u> Below	Radiation (R&D)	2 x 10 ⁶ R		5	2,3		Note 1
Other: Rx. Bldg. El. 281'	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1			System	Cont. Accident Mon.	Identification No. 201.2-483	
	☐ In Containment ☒ Out of Containment			P&ID	C-18014-C	Component	Pressure Transmitter

Data	Environment			Documentation Ref.		Qualif. Method	Out- standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Rosemount	Operating Time	100 days		4			Note 1
Model <u>xcr type</u> 1153 Series A	Temperature (F)	212 ⁰ F		1	2,3		Note 1
Function: Containment Pressure	Pressure (psig)	1 psig		1	2,3		Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1	2,3		Note 1
Service: Containment Pressure Indication	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u> </u> Below	Radiation (R&D)	2 x 10 ⁶ R		5	2,3		Note 1
Other: Rx. Bldg. El. 281'	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment			System <u>Post Accident Sampling</u> P&ID <u>C-18041-C Sh. #7</u>		Identification No. <u>122-01</u> Component <u>Pump Motor</u>	
	Data	Environment			Documentation Ref.		Qualif. Method
Manufacturer: Franklin Motor/ Burks Pumps	Parameter	Spec.	Qualif.	Spec.	Qualif.		
	Operating Time	100 days		4			Note 1
Model ☒ or type 3CT5MJ	Temperature (F)	126 ⁰ F		1			Note 1
Function: Pump Motor	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: Post Accident Sampling	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: ☒ Above ☐ Below	Radiation (R&D)	2 x 10 ⁶ R		5			Note 1
Other: Rx Bldg. El. 237'	Aging	40 yrs.		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1			System	Post Accident Sampling	Identification No. 122-02	
	☐ In Containment ☒ Out of Containment			P&ID	C-18041-C Sh. #7	Component	Pump Motor

Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Franklin Motor/ Burks Pumps	Operating Time	100 days		4			Note 1
Model ☒ or type 3CT5MJ	Temperature (F)	126 ⁰ F		1			Note 1
Function: Pump Motor	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: Post Accident Sampling	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: ☒ Above ☐ Below	Radiation (R&D)	2 x 10 ⁶ R		5			Note 1
Other: Rx Bldg. El. 237' _____	Aging	40 yrs.		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1	System	Post Accident Sampling	Identification No.	122-04
	<u> </u> In Containment <u> x </u> Out of Containment	P&ID	C-18041-C	Component	Solenoid Valve

Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
Manufacturer:	Parameter	Spec.	Qualif.	Spec.	Qualif.		
ASCO	Operating Time	100 days		4			Note 1
Model <u> x </u> or type <u> </u> HT-8317A29	Temperature (F)	212 ⁰ F		1			Note 1
Function: Solenoid Valve	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u> NA </u> Demo. <u> NA </u>	Relative Humidity (%)	100%		1			Note 1
Service: Post Accident Sampling Blocking Valve	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u> x </u> Above <u> </u> Below	Radiation (R&D)	2 x 10 ⁷					Note 1
Other: Rx Bldg. El. 281' <u> </u>	Aging	40 years					Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1		System <u>Post Accident Sampling</u>		Identification No. <u>122-05</u>		
	<u> </u> In Containment <u> x </u> Out of Containment		P&ID <u>C-18041-C</u>		Component <u>Solenoid Valve</u>		

Data	Environment			Documentation Ref.		Qualif. Method	Out- standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: ASCO	Operating Time	100 days		4			Note 1
Model <u> </u> or type <u> </u> HT-8317A29	Temperature (F)	126 ⁰ F		1			Note 1
Function: Solenoid Valve	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: Post Accident Sampling BV's	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u> </u> Above <u> </u> Below	Radiation (R&D)	2 x 10 ⁶ R		5			Note 1
Other: Rx Bldg. El. 237' <u> </u>	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment			System	Post Accident Sampling	Identification No.	122-06
				P&ID	C-18041-C	Component	Solenoid Valve

Data	Environment			Documentation Ref.		Qualif. Method	Out- standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: ASCO	Operating Time	100 days		4			Note 1
Model ☒ or type HT-8317A29	Temperature (F)	126 ⁰ F		1			Note 1
Function: Solenoid Valve	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. NA Demo. NA	Relative Humidity (%)	100%		1			Note 1
Service: Post Accident Sampling BV's	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: ☒ Above ☐ Below	Radiation (R&D)	2 x 10 ⁶ R		5			Note 1
Other: Rx Bldg. El. 237'	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment			System <u>Post Accident Sampling</u> P&ID <u>C-18041-C</u>		Identification No. <u>122-07</u> Component <u>Solenoid Valve</u>	
	Data	Environment			Documentation Ref.		Qualif. Method
Manufacturer:	Parameter	Spec.	Qualif.	Spec.	Qualif.		
ASCO	Operating Time	100 days		4			Note 1
Model <u>x</u> or type HT-8317A29	Temperature (F)	126°F		1			Note 1
Function: Solenoid Valve	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: Post Accident Sampling BV's	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u>Below</u>	Radiation (R&D)	2 x 10 ⁶ R		5			Note 1
Other: Rx Bldg. El. 237'	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment			System	Post Accident Sampling	Identification No.	122-08	
				P&ID	C-18041-C	Component	Solenoid Valve	

Data	Environment			Documentation Ref.		Qualif. Method	Out- standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: ASCO	Operating Time	100 days		4			Note 1
Model ☒ or type HT-8317A29	Temperature (F)	212°F		1			Note 1
Function: Solenoid Valve	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: Post Accident Sampling Blocking Valve	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: ☒ Above ☐ Below	Radiation (R&D)	2 x 10 ⁶					Note 1
Other: Rx Bldg. El. 281' _____	Aging	40 years					Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B		NMP Unit 1 In Containment x Out of Containment		System P&ID	Post Accident Sampling C-18C41-C	Identification No. 122-09	Component Solenoid Valve	
Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items	
Manufacturer: ASC0	Parameter Operating Time	Spec. 100 days	Qualif.	Spec. 4	Qualif.		Note 1	
Model x or type HT-8317A29	Temperature (F)	212°F		1			Note 1	
Function: Solenoid Valve	Pressure (psig)	1 psig		1			Note 1	
Accuracy: (%) Spec. NA Demo. NA	Relative Humidity (%)	100%		1			Note 1	
Service: Post Accident Sampling Blocking Valve	Chemical Spray	NA	NA	NA	NA	NA	NA	
Flood Level: x Above Below	Radiation (R&D)	2 x 10 ⁶					Note 1	
Other: Rx Bldg. El. 281'	Aging	40 years					Note 1	
	Submergence	NA	NA	NA	NA	NA	NA	

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1		System	Post Accident Sampling	Identification No. 122-10		
	☐ In Containment ☒ Out of Containment		P&ID	C-18041-C	Component	Solenoid Valve	

Data	Environment			Documentation Ref.		Qualif. Method	Out- standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: ASCO	Operating Time	100 days		4			Note 1
Model ☒ cr type HT-8317A29	Temperature (F)	212 ⁰ F		1			Note 1
Function: Solenoid Valve	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: Post Accident Sampling Blocking Valve	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: ☒ Above ☐ Below	Radiation (R&D)	6 2 x 10					Note 1
Other: Rx Bldg. El. 281' _____	Aging	40 years					Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1			System	Post Accident Sampling	Identification No.	122-11
	☐ In Containment ☒ Out of Containment			P&ID	C-18041-C	Component	Solenoid Valve

Data	Environment			Documentation Ref.		Qualif. Method	Out- standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: ASCO	Operating Time	100 days		4			Note 1
Model <u>x</u> or type HT-8317A29	Temperature (F)	126°F		1			Note 1
Function: Solenoid Valve	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: Post Accident Sampling BV's	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u> </u> Below	Radiation (R&D)	2 x 10 ⁶ R		5			Note 1
Other: Rx Bldg. El. 237' <u> </u>	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1		System	Post Accident Sampling	Identification No. 122-04		
	☐ In Containment ☒ Out of Containment		P&ID	C-18041-C	Component	Limit Switch	

Data	Environment			Documentation Ref.		Qualif. Method	Out- standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Microswitch	Operating Time	100 days		4			Note 1
Model <u> </u> or type <u> </u> F	Temperature (F)	212 ⁰ F		1			Note 1
Function: Position Indication	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u> </u> NA Demo. <u> </u> NA	Relative Humidity (%)	100%		1			Note 1
Service: Post Accident Sampling Blocking Valve	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u> </u> Above <u> </u> Below	Radiation (R&D)	2 x 10 ⁷ R		5			Note 1
Other: Rx Bldg. E1 281'	Aging	40 years					Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1		System	Post Accident	Identification No. 122-05		
	☐ In Containment ☒ Out of Containment		P&ID	Sampling C-18041-C Sh.7	Component Limit Switch		

Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Microswitch	Operating Time	100 days		4			Note 1
Model ___ or type x F	Temperature (F)	126 ⁰ F		1			Note 1
Function: Position Indication	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. NA Demo. NA	Relative Humidity (%)	100%		1			Note 1
Service: Blocking Valves	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: x Above ___ Below	Radiation (R&D)	6 2 x 10 R		5			Note 1
Other: Rx Bldg. El. 237'	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1		System	Post Accident	Identification No. 122-06		
	☐ In Containment ☒ Out of Containment		P&ID	Sampling C-18041-C Sh.7	Component	Limit Switch	

Data	Environment			Documentation Ref.		Qualif. Method	Out- standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Microswitch	Operating Time	100 days		4			Note 1
Model ___ or type ☒ F	Temperature (F)	126 ⁰ F		1			Note 1
Function: Position Indication	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. NA Demo. NA	Relative Humidity (%)	100%		1			Note 1
Service: Blocking Valves	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: ☒ Above ___ Below ___	Radiation (R&D)	6 2 x 10 R		5			Note 1
Other: Rx Bldg. El. 237'	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1		System	Post Accident	Identification No. 122-07		
	☐ In Containment ☒ Out of Containment		P&ID	Sampling C-18041-C Sh.7	Component	Limit Switch	

Data	Environment			Documentation Ref.		Qualif. Method	Out- standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Microswitch	Operating Time	100 days		4			Note 1
Model __ or type ^x F	Temperature (F)	126 ⁰ F		1			Note 1
Function: Position Indication	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. NA Demo. NA	Relative Humidity (%)	100%		1			Note 1
Service: Blocking Valves	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: ^x Above __ Below __	Radiation (R&D)	6 2 x 10 R		5			Note 1
Other: Rx Bldg. El. 237'	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01E		NMP Unit 1 In Containment x Out of Containment		System P&ID	Post Accident Sampling C-18041-C	Identification No. Limit Switch	122-08
Data	Parameter	Environment Spec.	Qualif.	Documentation Ref. Spec.		Qualif. Method	Out-standing Items
Manufacturer: Microswitch	Operating Time	100 days		4			Note 1
Model or type F	Temperature (F)	212°F		1			Note 1
Function: Position Indication	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. NA Demo. NA	Relative Humidity (%)	100%		1			Note 1
Service: Post Accident Sampling Blocking Valve	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: x Above Below	Radiation (R&D)	2 x 10 R	6	5			Note 1
Other: Rx Bldg. El 281'	Aging	40 years					Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☐ Out of Containment		System	Post Accident Sampling	Identification No.	122-09	
			P&ID	C-18041-C	Component	Limit Switch	

Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Microswitch	Operating Time	100 days		4			Note 1
Model <u> </u> or type <u>x</u> F	Temperature (F)	212 ⁰ F		1			Note 1
Function: Position Indication	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u> NA </u> Demo. <u> NA </u>	Relative Humidity (%)	100%		1			Note 1
Service: Post Accident Sampling Blocking Valve	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u> </u> Below	Radiation (R&D)	6 2 x 10 R		5			Note 1
Other: Rx Bldg. E1 281' <u> </u>	Aging	40 years					Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1		System	Post Accident Sampling	Identification No.	122-10	
	☐ In Containment ☒ Out of Containment		P&ID	C-18041-C	Component	Limit Switch	

Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Microswitch	Operating Time	100 days		4			Note 1
Model <u> </u> or type <u>X</u> F	Temperature (F)	212 ⁰ F		1			Note 1
Function: Position Indication	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: Post Accident Sampling Blocking Valve	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>X</u> Above <u> </u> Below	Radiation (R&D)	6 2 x 10 R		5			Note 1
Other: Rx Bldg. E1 281'	Aging	40 years					Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment		System P&ID	Post Accident Sampling C-18041-C Sh.7	Identification No. 122-11 Component Limit Switch
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Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
Manufacturer:	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Microswitch	Operating Time	100 days		4			Note 1
Model <u> </u> or type <u> </u> <u> F </u>	Temperature (F)	126 ⁰ F		1			Note 1
Function: Position Indication	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u> NA </u> Demo. <u> NA </u>	Relative Humidity (%)	100%		1			Note 1
Service: Blocking Valves	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: ☒ Above <u> </u> Below <u> </u>	Radiation (R&D)	6 2 x 10 R		5			Note 1
Other: Rx Bldg. El. 237'	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1		System <u>Post Accident Sampling</u>		Identification No. <u>TE-70-269A</u>		
	☐ In Containment ☒ Out of Containment		P&ID <u>C-18041-C</u>		Component <u>Thermocouple</u>		

Data	Environment			Documentation Ref.		Qualif. Method	Out- standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Omega	Operating Time	100 days		4			Note 1
Model <u>x</u> or type HWA/NSA-2/2- 3-1/2/DH-1-14-T 8/3/4"	Temperature (F)	126 ⁰ F		1			Note 1
Function: Temperature Measurement	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: Post Accident Sampling	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u> </u> Below	Radiation (R&D)	2 x 10 ⁶		5			Note 1
Other: Rx Bldg. 237'	Aging	40 years					Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment		System <u>Post Accident Sampling</u> P&ID <u>C-18041-C</u>	Identification No. <u>TE70-276A</u> Component <u>Thermocouple</u>
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Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Ome ga	Operating Time	100 days		4			Note 1
Model ☒ or type HWA/NSA-2/2-3-1/2/ DH-1-14-T-8/3/4"	Temperature (F)	212 ° F		1			Note 1
Function: Temperature Sensing	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: Post Accident Sampling	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: ☒ Above ☐ Below	Radiation (R&D)	2 x 10 ⁶ R		5			Note 1
Other: Rx Bldg. 281'	Aging	40 years					Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing
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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1		System	Post Accident Sampling	Identification No. FET 664		
	☐ In Containment ☒ Out of Containment		P&ID	C-18041-C	Component	Flow Switch	

Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
Manufacturer:	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Foxboro	Operating Time	100 days		4			Note 1
Model or type U-bend type integral flow orifice & E13DL transmitter	Temperature (F)	212 ⁰ F		1			Note 1
Function: Flow Control	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. NA Demo. NA	Relative Humidity (%)	100%		1			Note 1
Service: Post Accident Sampling	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: ☒ Above ☐ Below	Radiation (R&D)	6 2 x 10 R		5			Note 1
Other: Rx Bldg. El. 281'	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment		System <u>Post Accident Sampling</u> P&ID <u>C-18041-C</u>		Identification No. <u>122-14</u> Component <u>Pressure Switch</u>		
	Data	Environment		Documentation Ref.		Qualif. Method	Out-standing Items
Manufacturer:	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Static 'O' Ring	Operating Time	100 days		4			Note 1
Model <u>x</u> or type 5NNKK351-C1A	Temperature (F)	126 ⁰ F		1			Note 1
Function: Pressure Switch	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: <u>Post Accident Sampling Pump Bypass</u>	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u>Below</u>	Radiation (R&D)	2 x 10 ⁶ R		5			Note 1
Other: Rx Bldg. El. 237'	Aging	40 years					Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment		System	Post Accident Sampling System	Identification No.	NA	
			P&ID	C-18041-C Sh. 7	Component	Circuit Breakers	

Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: General Electric	Operating Time	100 days		4			Note 1
Model ☒ or type NTE - 20	Temperature (F)	212 ⁰ F		1			Note 1
Function: Branch Circuit Breakers	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. NA Demo. NA	Relative Humidity (%)	100 %		1			Note 1
Service: Post Accident Sampling	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: ☒ Above ☐ Below	Radiation (R&D)	2 x 10 ⁶ R		5			Note 1
Other: Rx Bldg. El. 281' Pn1bd #167A	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment		System Post Accident Sampling P&ID _____		Identification No. _____ Component Motor Starter		
Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
Manufacturer:	Parameter	Spec.	Qualif.	Spec.	Qualif.		
General Electric	Operating Time	100 days		4			Note 1
Model <u>x</u> or type CR207B223AAA	Temperature (F)	126°F		1			Note 1
Function: Motor Starter & Disconnect	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%		1			Note 1
Service: Post Accident Sampling Pumps #11 & #12	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u> </u> Below	Radiation (R&D)	$2 \times 10^6 R$		5			Note 1
Other: Rx Bldg. E1. 237'	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1			System Post Accident Sampling		Identification No. 95-13-193	
	☒ In Containment ☐ Out of Containment			P&ID NA		Component Thermocouple Cable	

Data	Environment			Documentation Ref.		Qualif. Method	Out- standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Kerite	Operating Time	100 days	7 days	4	18		Note 1
Model __ or type Thermocouple Cable #16 AWG	Temperature (F)	212 ⁰ F	302 ⁰ F	1	18		Note 1
Function: Temperature Signals	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. NA Demo. NA	Relative Humidity (%)	100%	100%	1	18		Note 1
Service: Post Accident Sampling	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: ☒ Above ☐ Below	Radiation (R&D)	2 x 10 ⁶ R	1 x 10 ⁸ R	5	18		Note 1
Other: Rx Bldg. Various Elev. _____	Aging	40 years		NA			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment			System Post Accident Sampling - Common Electrical Equip. P&ID -	Identification No. NA Component 7C #12 AWG 600V		
Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
Manufacturer:	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Rockbestos	Operating Time	100 days	100 days	4	10	Test	None
Model ___ or type ___ N/A	Temperature (F)	300 ⁰ F	346 ⁰ F	1	10	Simultan. Test	None
Function: Control Signals	Pressure (psig)	1 psig	113 psig	1	10	Simultan. Test	None
Accuracy: (%) Spec. NA Demo. NA	Relative Humidity (%)	100%	100%	1	10	Simultan. Test	None
Service:	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: X Above ___ Below ___	Radiation (R&D)	2 x 10 ⁶ R	2 x 10 ⁸ R	5	10	Simultan. Test	Note 1
Other: Rx Bldg. Various El.	Aging	40 years	40 years	NA	10	Simultan. Test	None
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment		System Common Electrical Equip. P&ID	Post Accident Sampling -	Identification No. NA Component 3C #12 AWG 600V
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Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Rockbestos	Operating Time	100 days	100 days	4	10	Test	None
Model __ or type __ N/A	Temperature (F)	300 ⁰ F	346 ⁰ F	1	10	Simultan. Test	None
Function: Control Signals	Pressure (psig)	1 psig	113 psig	1	10	Simultan. Test	None
Accuracy: (%) Spec. NA Demo. NA	Relative Humidity (%)	100%	100%	1	10	Simultan. Test	None
Service:	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: ☒ Above __ Below __	Radiation (R&D)	2 x 10 ⁶ R	2 x 10 ⁸	5	10	Simultan. Test	Note 1
Other: _____	Aging	40 years	40 years	NA	10	Simultan. Test	None
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment		System P&ID	Automatic Isolation Valves C-18012-C	Identification No. 80-114 Component Valve Operator AC
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Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Limitorque	Operating Time	1 hour	30 days		12,15		Note 1
Model __ or type __ SMB-000-H1BC	Temperature (F)	212 ⁰ F	340 ⁰ F	1	12,15	Simultan. Testing	Note 1
Function: Isolation	Pressure (psig)	1 psig					Note 1
Accuracy: (%) Spec. NA Demo. NA	Relative Humidity (%)	100%	100%	1	12,15	Simultan. Testing	Note 1
Service: Containment Spray to Waste Bldg. - IV	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: ☒ Above __ Below	Radiation (R&D)	2 x 10 ⁶ R	2 x 10 ⁸ R	5	12,15	Testing	Note 1
Other: Rx Bldg. El. 281'	Aging	40 years	40 years	NA	12,15		Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1			System Automatic Isolation		Identification No. 80-115	
	☐ In Containment ☒ Out of Containment			Valves P&ID C-18012-C		Component Valve Operator (DC)	

Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Limitorque	Operating Time	1 hour	25 hours		14		Note 1
Model <u>x</u> or type SMB-000 H1BC	Temperature (F)	212 ⁰ F	⁰ 340 F (peak)	1	14	Simultan. Test	Note 1
Function: Isolation	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%	100%	1	14	Simultan. Test	Note 1
Service: Contain- ment Spray to Waste Bldg. IV	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u> </u> Below	Radiation (R&D)	2 x 10 ⁶ R	1 x 10 ⁷ R	5	14	Test	Note 1
Other: Rx Bldg. El. 281'	Aging	40 years	40 years	NA	14		Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment ☒ Out of Containment			System <u>Automatic Isolation Valves</u> Identification No. <u>80-118</u> P&ID <u>C-18012-C</u> Component <u>Valve Operator (AC)</u>			
	Data	Environment			Documentation Ref.		Qualif. Method
Manufacturer: Limitorque	Parameter Operating Time	Spec. 100 days	Qualif. 15 days	Spec. 4	Qualif. 13		Note 1
Model <u>x</u> or type SMB-0	Temperature (F)	212°F peak	250°F (peak)	1	13	Simultan. Test	Note 1
Function: Blocking Valve	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%	100%	1	13	Simultan. Test	Note 1
Service: Flow Control Valve for Torus Cooling	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u> </u> Below	Radiation (R&D)	2 x 10 ⁶ R	2 x 10 ⁷ R	5	13	Test	Note 1
Other: Rx Bldg. E1 281'	Aging	40 years	40 years	NA	13	Test	Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 x In Containment ___ Out of Containment			System Automatic Isolation Valves Identification No. 110-127 P&ID C-18041-C Sh. 2 Component Valve Operator (AC)			
Data	Environment			Documentation Ref.		Qualif. Method	Out- standing Items
Manufacturer:	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Limatorque	Operating Time	100 days	30 days	4	12,15	Simultan. Test	Note 1
Model ___ or type SMB-0002	Temperature (F)	301 ⁰ F	340 ⁰ F (peak)	1	12,15	Simultan. Test	Note 1
Function: Valve Isolation	Pressure (psig)	35 psig		1			Note 1
Accuracy: (%) Spec. NA Demo. NA	Relative Humidity (%)	100%	100%	1	12,15	Simultan. Test	Note 1
Service: Reactor Coolant Sample IV	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: x Above ___ Below	Radiation (R&D)	5 x 10 ⁷ R	2.04 x 10 ⁸	5	12,15	Test	Note 1
Other: Drywell El. 261'	Aging	40 years	40 years	NA	12,15		Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing
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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1		System Automatic Isolation Valves		Identification No. 110-128	
	☐ In Containment ☒ Out of Containment		P&ID C-18041-C Sh.2		Component Valve Operator (DC)	

Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Limitorque	Operating Time	100 days	15 days	4	13	Simultan. Test	Note 1
Model <u>x</u> or type SMB 000	Temperature (F)	212 ^o F	250 ^o F (Peak)	1	13	Simultan. Test	Note 1
Function: Isolation	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%	100%	1	13	Simultan. Test	Note 1
Service: Reactor Coolant Sample IV	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u> </u> Below	Radiation (R&D)	2 x 10 ⁷ R	2 x 10 ⁷ R	5	13	Test	Note 1
Other: Rx Bldg. El. 281'	Aging	40 years	40 years	NA	13	Test	Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1		Emergency Condenser		Identification No. 05-07	
	☐ In Containment ☒ Out of Containment		System Vent to Torus P&ID C-18017-C		Component Valve Operator	

Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
Manufacturer:	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Limiterque	Operating Time	100 days		4			Note 1
Model <u> </u> or type <u> </u> SMB-000	Temperature (F)	212 ⁰ F	120 ⁰ F 250 ⁰ F (peak)	1	11	Simultan. Testing	None
Function: Blocking Valves	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. <u> NA </u> Demo. <u> NA </u>	Relative Humidity (%)	100%	100%	1	11	Simultan. Testing	None
Service Emergency Condenser Vent to Torus	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u> </u> xAbove <u> </u> Below	Radiation (R&D)	2 x 10 ⁶ R	2 x 10 ⁷ R	5	11	Testing	Note 1
Other: Rx Bldg. El. 281'	Aging	40 yr		1			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1		System Emergency Condenser Vent to Torus		Identification No. 05-05	
	☐ In Containment ☒ Out of Containment		P&ID C-18017-C		Component Valve Operator	

Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Manufacturer: Limitorque	Operating Time	100 days		4			Note 1
Model __ or type __ SMB-000	Temperature (F)	212°F	250°F (peak)	1	11	Simultan. Testing	None
Function: Blocking Valves	Pressure (psig)	1 psig		1			Note 1
Accuracy: (%) Spec. NA Demo. NA	Relative Humidity (%)	100%	100%	1	11	Simultan. Testing	None
Service Emergency Condenser Vent to Torus	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: x Above __ Below	Radiation (R&D)	2 x 10 ⁶ R	2 x 10 ⁷ R	5	11	Testing	Note 1
Other: Rx Bldg. El. 281'	Aging	40 yr		1			Note 1
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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System Component Evaluation Worksheet I&E B. 79-01B	NMP Unit 1 In Containment <u>x</u> Out of Containment			System <u>Common Electrical Equip.</u> Identification No. <u>-</u> P&ID <u>-</u> Component <u>Inst. Cable #16TSP</u>			
Data	Environment			Documentation Ref.		Qualif. Method	Out-standing Items
Manufacturer:	Parameter	Spec.	Qualif.	Spec.	Qualif.		
Rockbestos	Operating Time	100 days	100 days	4	10	Test	None
Model <u>or type</u> TSP #16	Temperature (F)	300°F	346°F	1	10	Simultan. Test	None
Function: Related Instrumentation Modifications	Pressure (psig)	1 psig	113 psig	1	10	Simultan. Test	None
Accuracy: (%) Spec. <u>NA</u> Demo. <u>NA</u>	Relative Humidity (%)	100%	100%	1	10	Simultan. Test	None
Service: Common Electrical Equipment	Chemical Spray	NA	NA	NA	NA	NA	NA
Flood Level: <u>x</u> Above <u>Below</u>	Radiation (R&D)	2×10^6 R	2×10^8	5	10	Test	Note 1
Other: Rx Bldg. Various El. _____	Aging	40 years	40 years	NA	10	Test and Analyses	None
	Submergence	NA	NA	NA	NA	NA	NA

Note 1: Assessment Ongoing

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