

TABLE 3.3.2-1

ISOLATION ACTUATION INSTRUMENTATION

| <u>TRIP FUNCTION</u> | <u>ISOLATION SIGNAL(s)^(a)</u> | <u>MINIMUM OPERABLE CHANNELS PER TRIP SYSTEM (b)</u> | <u>APPLICABLE OPERATIONAL CONDITION</u> | <u>ACTION</u> |
|--|--|--|---|---------------|
| <u>1. PRIMARY CONTAINMENT ISOLATION</u> | | | | |
| a. Reactor Vessel Water Level | | | | |
| 1) Low, Level 3 | A | 2 | 1, 2, 3 | 20 |
| 2) Low Low, Level 2 | B | 2 | 1, 2, 3 | 20 |
| 3) Low Low Low, Level 1 | X | 2 | 1, 2, 3 | 20 |
| b. Drywell Pressure - High | Y,Z,X | 2 | 1, 2, 3 | 20 |
| c. Manual Initiation | NA | 1 | 1, 2, 3 | 24 |
| <u>2. SECONDARY CONTAINMENT ISOLATION</u> | | | | |
| a. Reactor Vessel Water Level - Low Low, Level 2 | Y (c) | 2 | 1, 2, 3 and * | 25 |
| b. Drywell Pressure - High | Y,Z (c) | 2 | 1, 2, 3 | 25 |
| c. Refuel Floor High Exhaust Duct Radiation - High | ** | 2 | 1, 2, 3 and * | 25 |
| d. Railroad Access Shaft Exhaust Duct Radiation - High | ** | 2 | 1, 2, 3 and * | 25 |
| e. Refuel Floor Wall Exhaust Duct Radiation - High | ** | 2 | 1, 2, 3 and * | 25 |
| f. Manual Initiation | NA | 1 | 1, 2, 3 and * | 24 |

ATTACHMENT A TO PLA 1938

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TABLE 3.6.3-1

PRIMARY CONTAINMENT ISOLATION VALVES

| <u>VALVE FUNCTION AND NUMBER</u> | <u>MAXIMUM ISOLATION TIME (Seconds)</u> | <u>ISOLATION SIGNAL(s)^(a)</u> |
|--|---|--|
| <u>a. Automatic Isolation Valves^(b)</u> | | |
| <u>MSIV</u> | | |
| HV-141F022 A,B,C,D | 5 | B,C,D,E,P,UA |
| HV-141F028 A,B,C,D | 5 | B,C,D,E,P,UA |
| <u>MSL Drain</u> | | |
| HV-141F016 | 10 | B,C,D,E,P,UA |
| HV-141F019 | 10 | B,C,D,E,P,UA |
| <u>RCIC Steam Supply</u> | | |
| HV-149F007 ^(c) | 20 | K |
| HV-149F008 ^(c) | 20 | K |
| HV-149F088 | 3 | K |
| <u>HPCI Steam Supply</u> | | |
| HV-155F002 ^(c) | 50 | L |
| HV-155F003 ^(c) | 50 | L |
| HV-155F100 | 3 | L |
| <u>RHR - Shutdown Cooling Suction^(d)</u> | | |
| HV-151F008 | 52 | M,UB,Z A |
| HV-151F009 | 52 | M,UB,Z A |
| <u>RHR - Shutdown Cooling Return / LPCI Injection</u> | | |
| HV-151F122 A,B | 3 | Z |
| <u>RWCU Suction^(e)</u> | | |
| HV-144F001 | 30 | B A,J,W |
| HV-144F004 | 30 | B A,J,W |
| <u>RHR - Reactor Vessel Head Spray</u> | | |
| HV-151F022 | 30 | M,UB,Z |
| HV-151F023 | 20 | M,UB,Z |

|| previously approved by NRC

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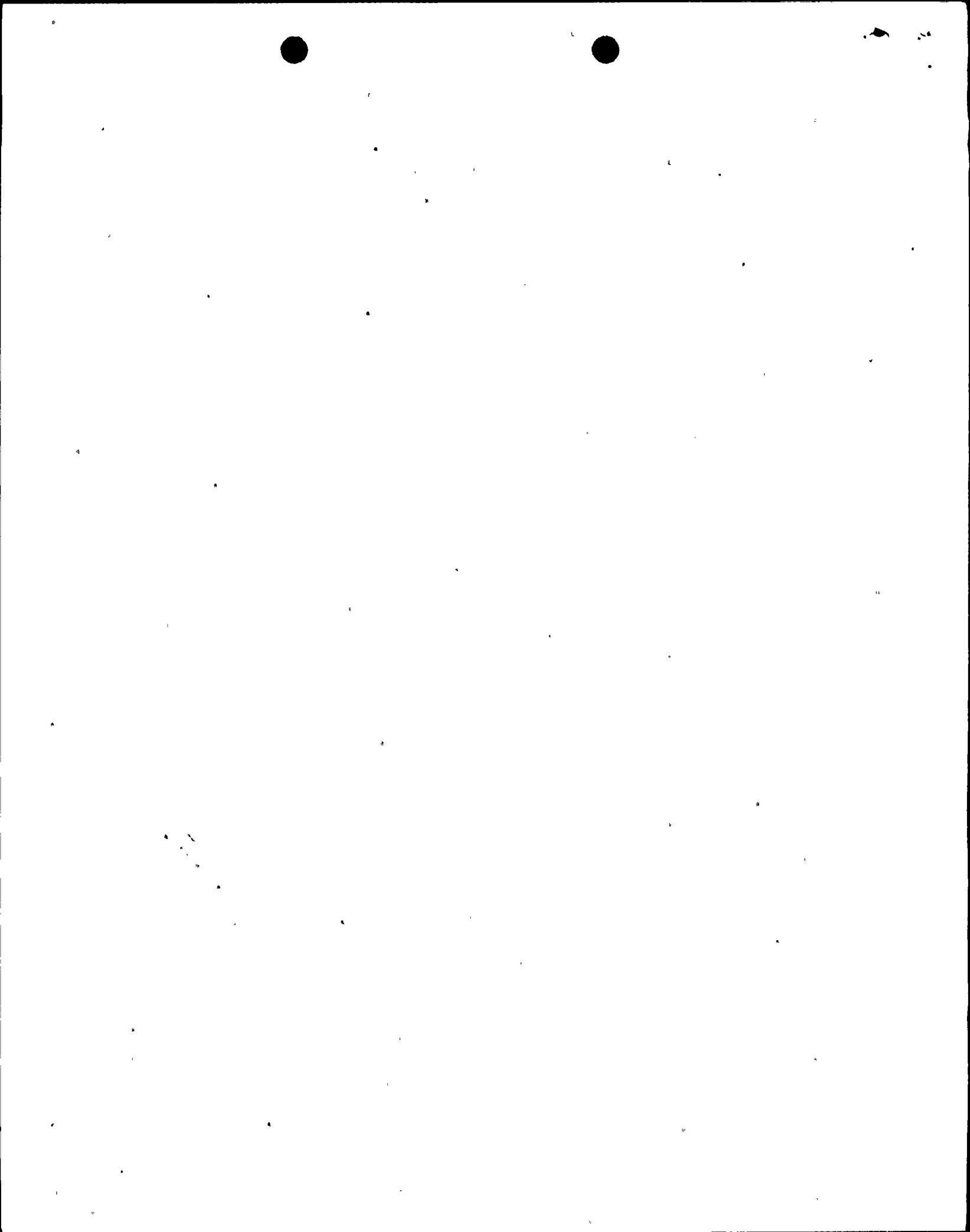


TABLE 3.6.3-1 (Continued)

PRIMARY CONTAINMENT ISOLATION VALVES

VALVE FUNCTION AND NUMBER

Manual Isolation Valves^(h) (Continued)

SLC

HV-148F006

Breathing Air

1-25-209
1-25-210

Demineralized Water

1-41-017
1-41-018

ILRT

1-57-193
1-57-195

HPCI Turbine Exhaust

HV-155F066

c. Other Valves

RHR - Shutdown Cooling Return/
LPCI Injection - Pressure Equalizing Valve

Feedwater

HV-151F122 A,B

141F010 A,B

RHR - Shutdown Cooling Suction

PSV-151F126

RHR - Shutdown Cooling Return/
LPCI Injection

HV-151F050 A,B

RHR-Minimum Recirculation Flow

HV-151F007 A,B

TABLE 3.6.3-1 (Continued)

PRIMARY CONTAINMENT ISOLATION VALVES

| <u>VALVE FUNCTION AND NUMBER</u> | <u>MAXIMUM ISOLATION TIME (Seconds)</u> | <u>ISOLATION SIGNAL(s)^(a)</u> |
|---|---|--|
| <u>Automatic Isolation Valves^(b) (Continued)</u> | | |
| <u>Containment Atmosphere Sample</u> | | |
| SV-15734 A,B | N/A | Y |
| SV-15736 A,B | N/A | Y |
| SV-15737 | N/A | Y,R |
| SV-15740 A,B | N/A | Y |
| SV-15742 A,B | N/A | Y |
| SV-15750 A,B | N/A | Y |
| SV-15752 A,B | N/A | Y |
| SV-15767 | N/A | Y,R |
| SV-15774 A,B | N/A | Y |
| SV-15776 A,B | N/A | Y |
| SV-15780 A,B | N/A | Y |
| SV-15782 A,B | N/A | Y |
| <u>Reactor Coolant Sample</u> | | |
| HV-143F019 | 2 | B,C |
| HV-143F020 | 2 | B,C |
| <u>Liquid Radwaste</u> | | |
| HV-16108 A1,A2 | 15 | Z |
| HV-16116 A1,A2 | 15 | Z |
| <u>RHR - Suppression Pooling^(f)</u> | | |
| <u>Cooling/Spray^(f)</u> | | |
| HV-151F011 A,B | 23 | B,C G |
| HV-151F028 A,B | 90 | G |
| <u>CS Test^{(e)(f)}</u> | | |
| HV-152F015 A,B | 60 | G |
| <u>HPCI Suction^{(e)(f)}</u> | | |
| HV-155F042 | 90 | L |



BEFORE THE
UNITED STATES NUCLEAR REGULATORY COMMISSION


In the Matter of :
PENNSYLVANIA POWER & : Docket No. 50-387
& LIGHT COMPANY :

PROPOSED AMENDMENT NO. 34
FACILITY OPERATING LICENSE NO. NPF-14
SUSQUEHANNA STEAM ELECTRIC STATION
UNIT NO. 1

Licensee, Pennsylvania Power & Light Company, hereby files proposed Amendment No. 34 to its Facility Operating License No. NPF-14 dated July 17, 1982.

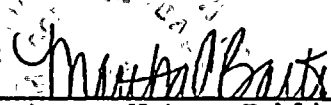
This amendment contains a revision to Section 2.G of NPF-14.

PENNSYLVANIA POWER & LIGHT COMPANY
BY:



N. W. Curtis
Vice President - Engineering &
Construction - Nuclear

Sworn to and subscribed before me
this 1st of November, 1983.



Notary Public
MARTHA C. BARTO, Notary Public
Allentown, Lehigh County, Pa.
My Commission Expires Jan. 13, 1986



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