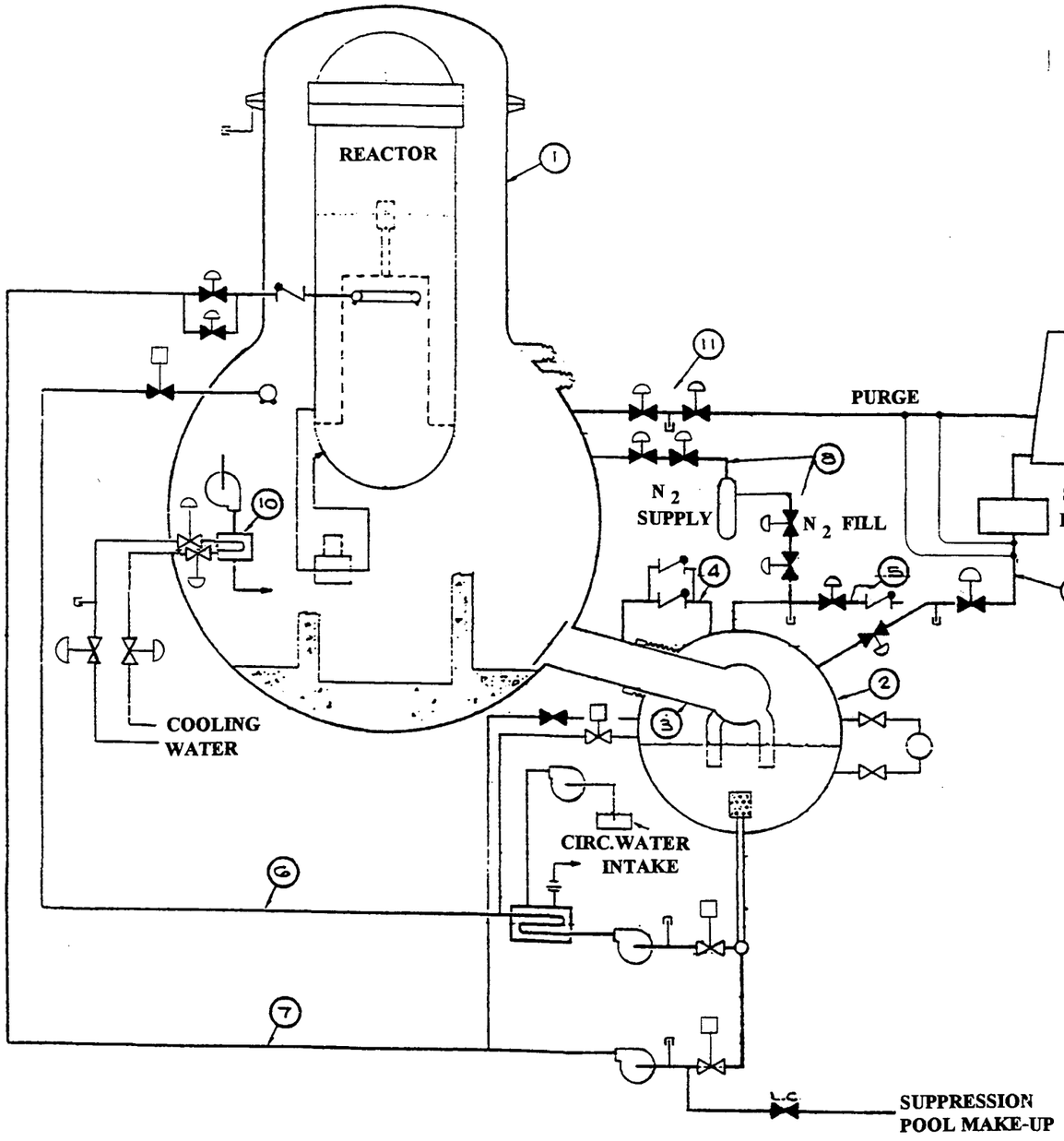
Figures 6.2-1A through 6.2-1E

Deleted



GENERAL NOTE

Valving shown is the minimum required for checking Containment System outleakage thru packings and isolation valves, or for Containment Isolation and Pressure Suppression Primary Containment System operation.

PRIMARY CONTAINMENT SYSTEM COMPONENTS

1. Drywell
2. Suppression Chamber
3. Suppression Vent System
4. Suppression Chamber-to-Drywell Vacuum Relief System
5. A Reactor Building-to-Suppression Chamber Vacuum Relief System
6. Containment Cooling System
7. Core Cooling System
8. Containment Gas Inerting System
9. Suppression Chamber Venting and Filtering System
10. Drywell Cooling System
11. Typical Valving and Leak Testing Provisions - See General Note

NOMENCLATURE

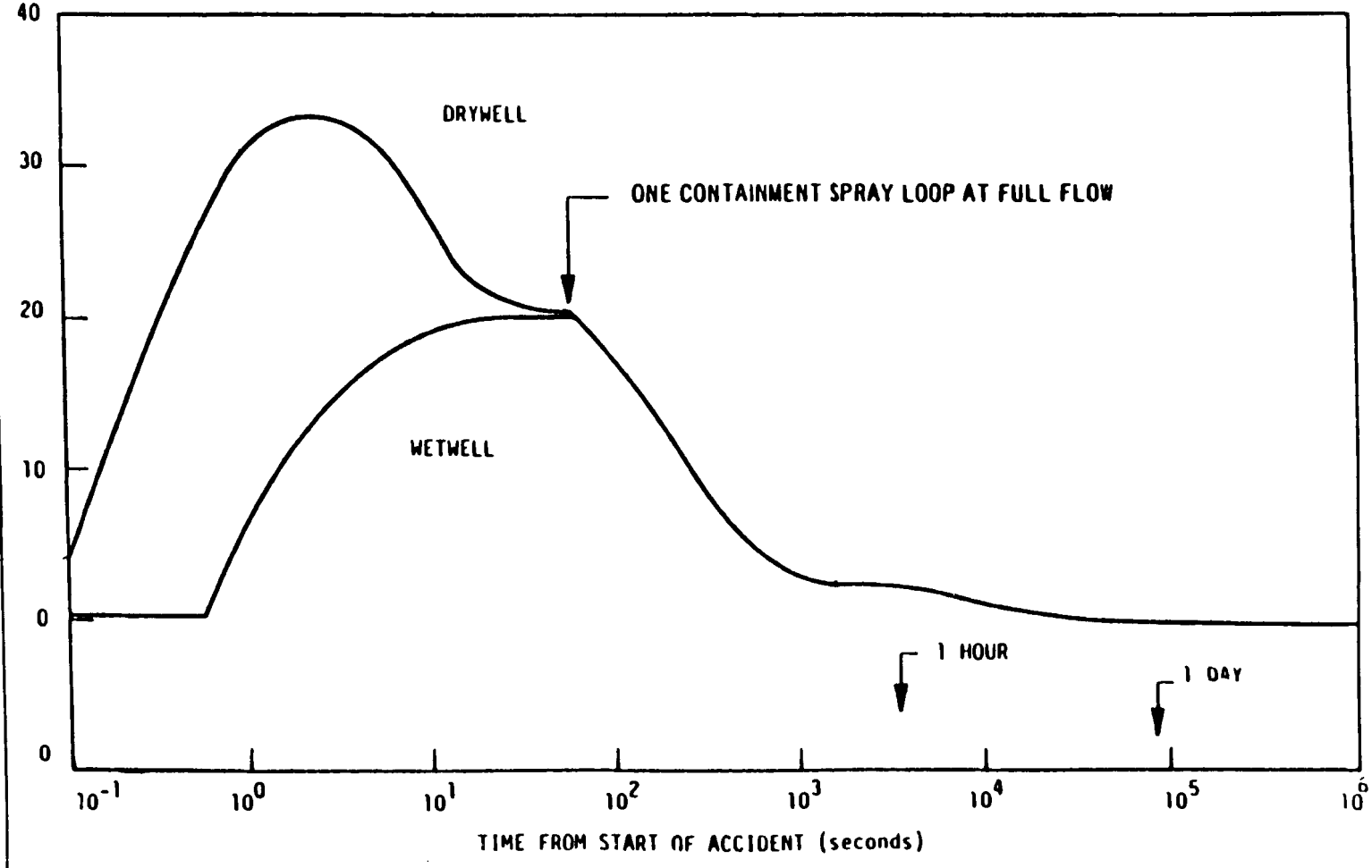
- Capped Test Connection for Checking Containment Leakage thru Gasketed or Packed Seals, such as those on Valve Stems, Bonnets, Flanges and thru Isolation Valve Seats
- Check Valve, Closing on Reverse Flow
- Normally Open Valve
- Normally Closed Valve
- Valve Actuated from Central Control Room
- Automatically Actuated Valve, also Actuable from Central Control Room
- L.C. Locked Closed

GPU Nuclear — Update - 10

Oyster Creek — 04/97

Primary Containment System Diagram

Fig. 6.2-2



GPU Nuclear

Oyster Creek

Update - 5

12/90

Primary Containment Pressure Following Recirculation Line Break

Fig. 6.2-3

GPU Nuclear

Update - 5

Oyster Creek

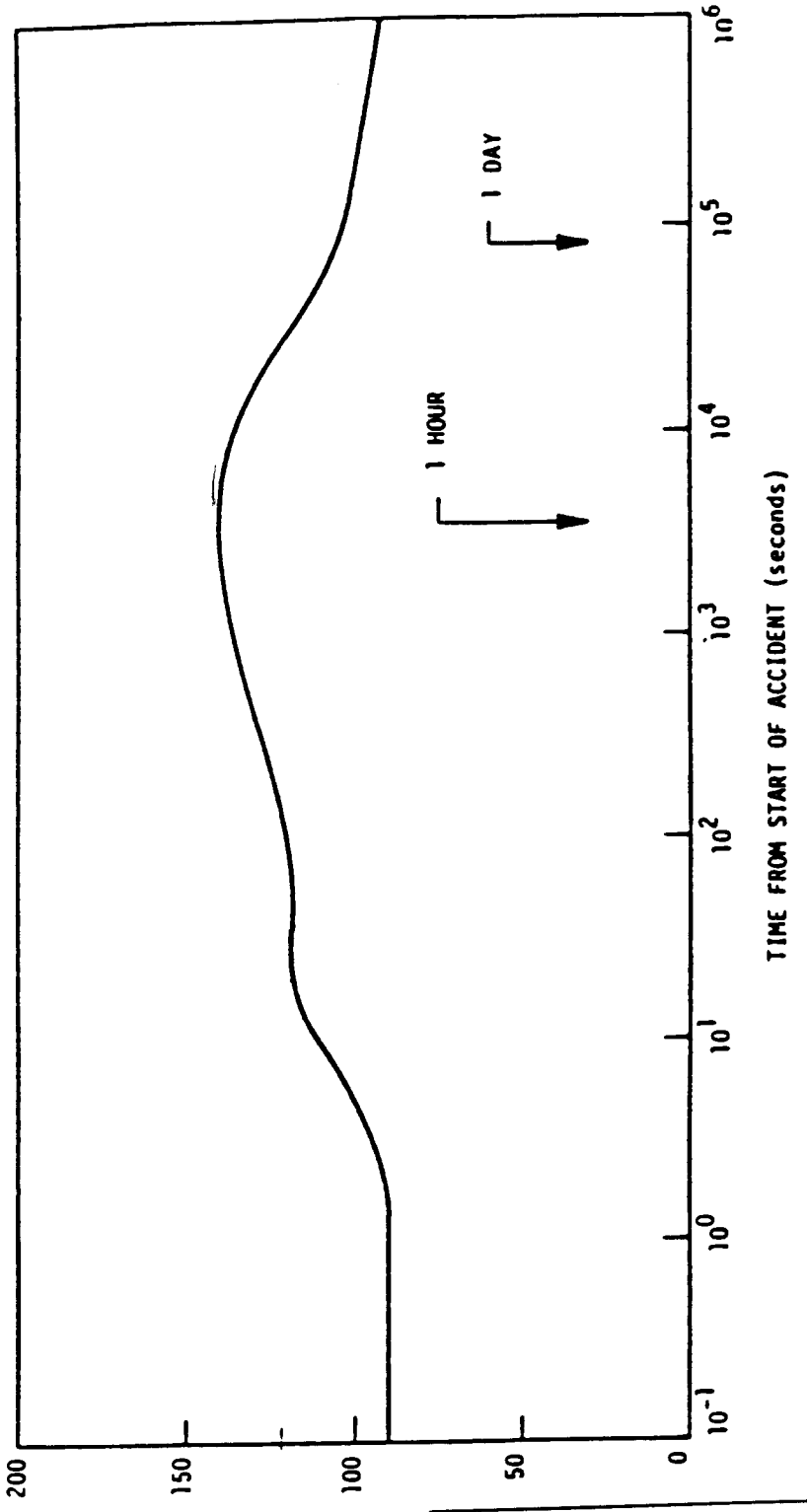
12/90

Drywell Temperature Response Following Recirculation Line Break

Fig. 6.2-4A

Figure 6.2-4B

Deleted



GPU Nuclear

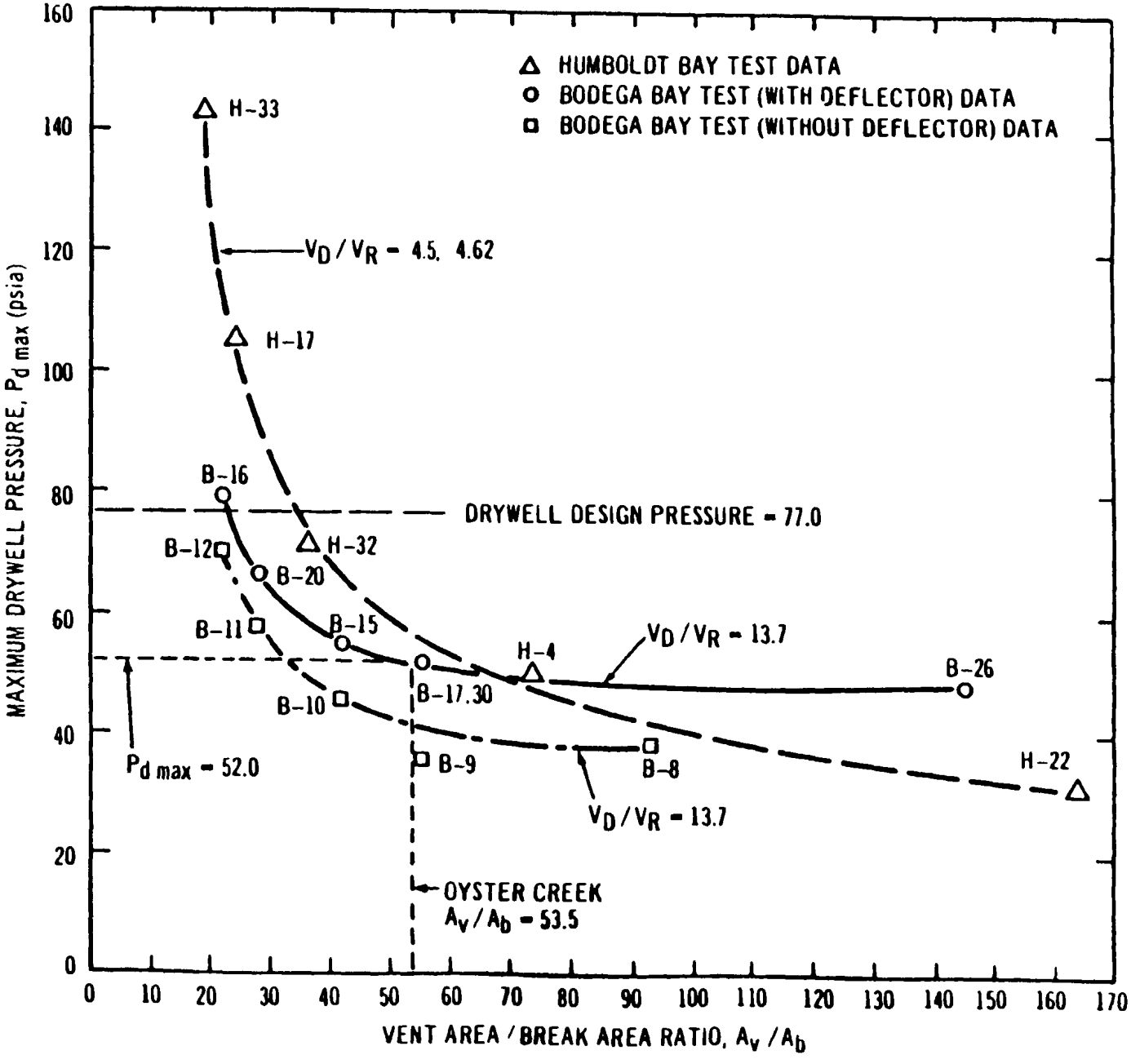
Oyster Creek

Update - 5

12/90

Torus Temperature Response Following Recirculation Line Break

Fig. 6.2-5



GPU Nuclear

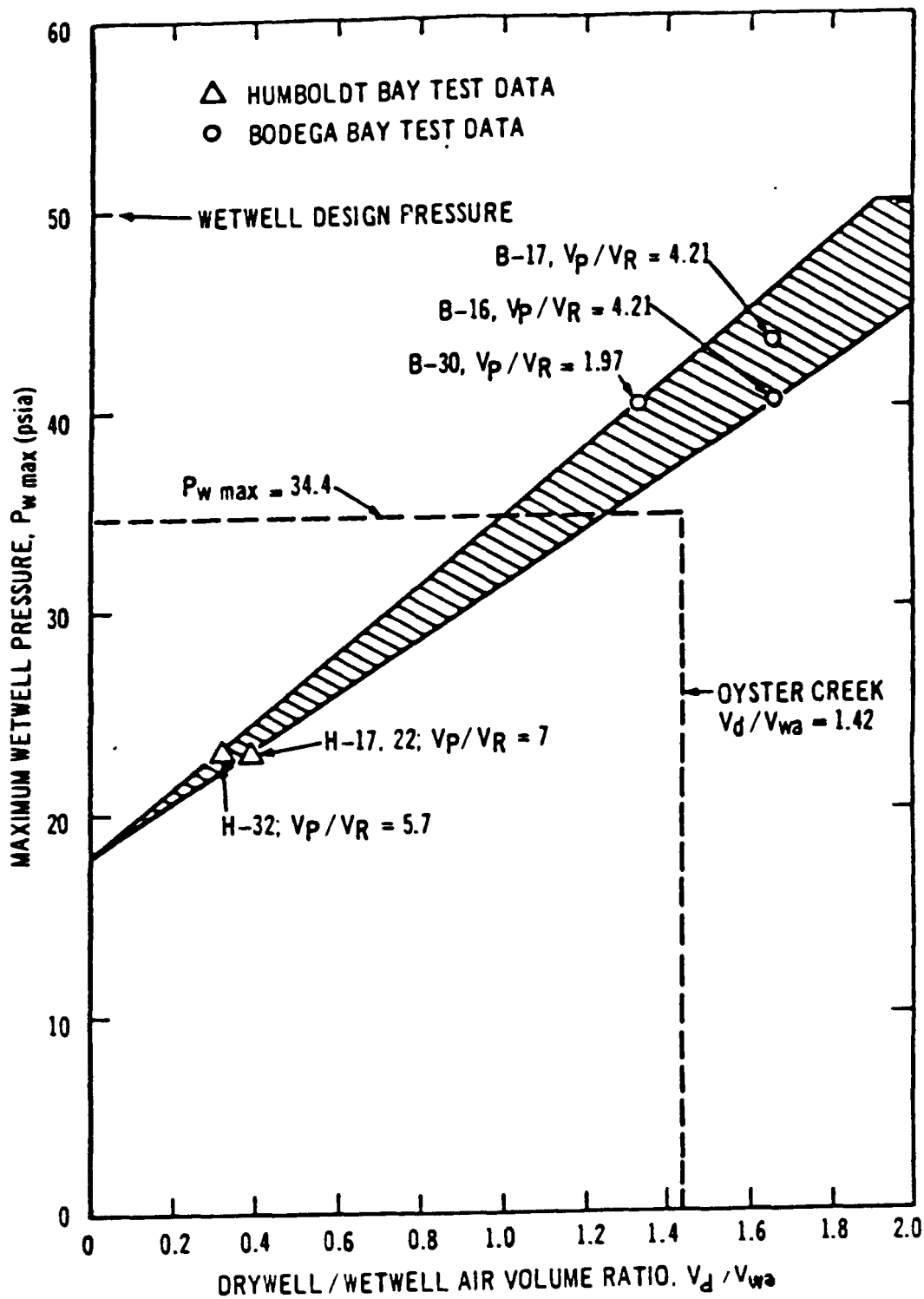
Oyster Creek

Update - 5

12/90

Maximum Drywell Pressure Data Correlation
Test Blowdown From 1250 psia

Fig. 6.2-6

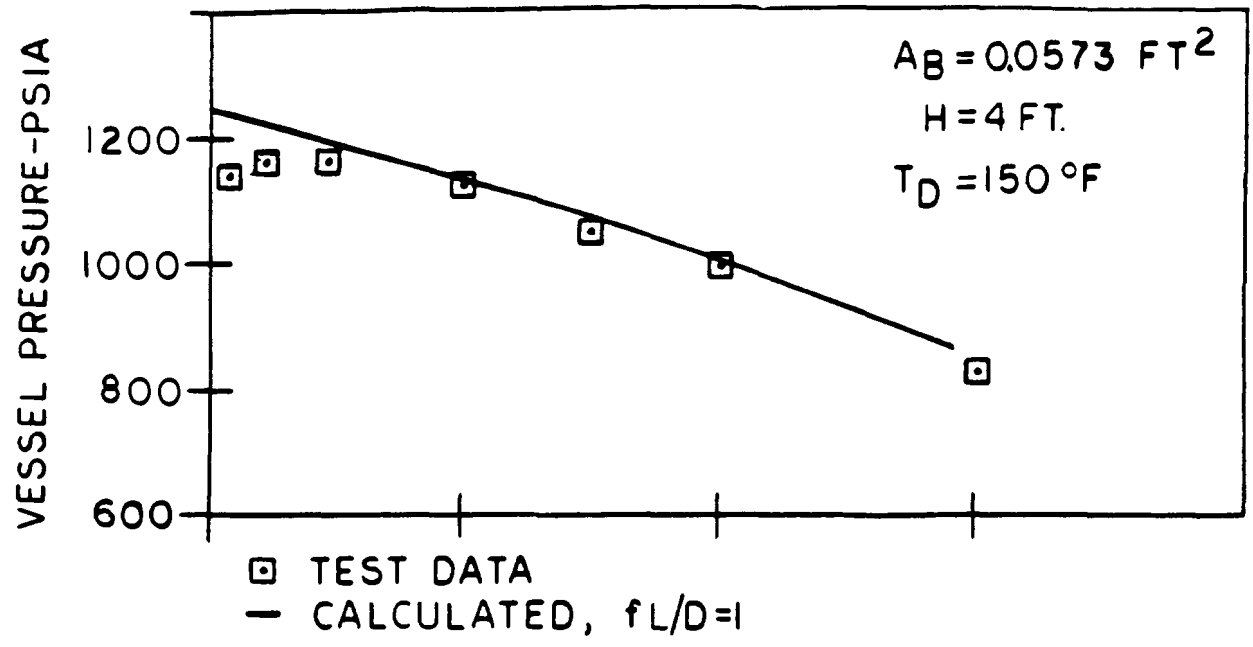


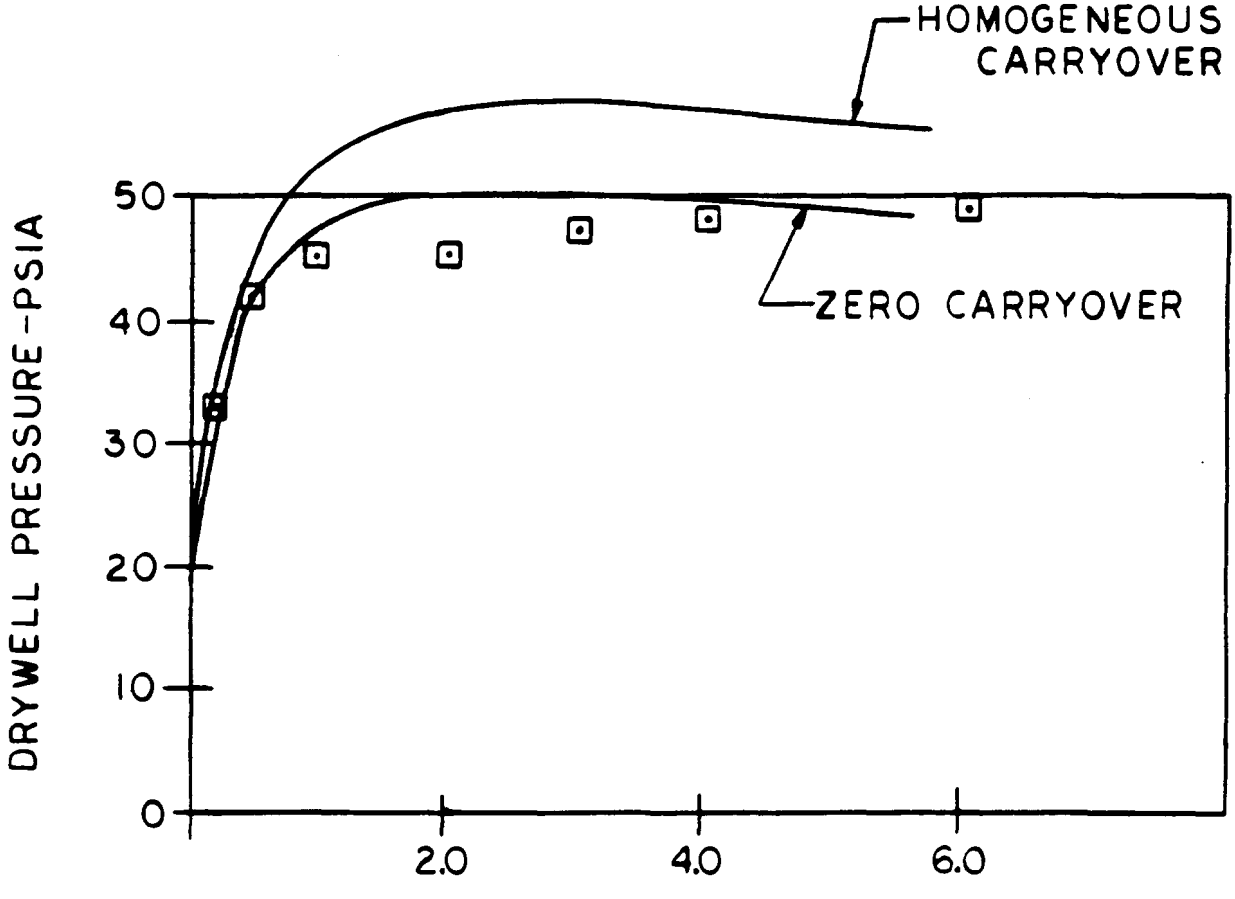
GPU Nuclear | Update - 5

Oyster Creek | 12/90

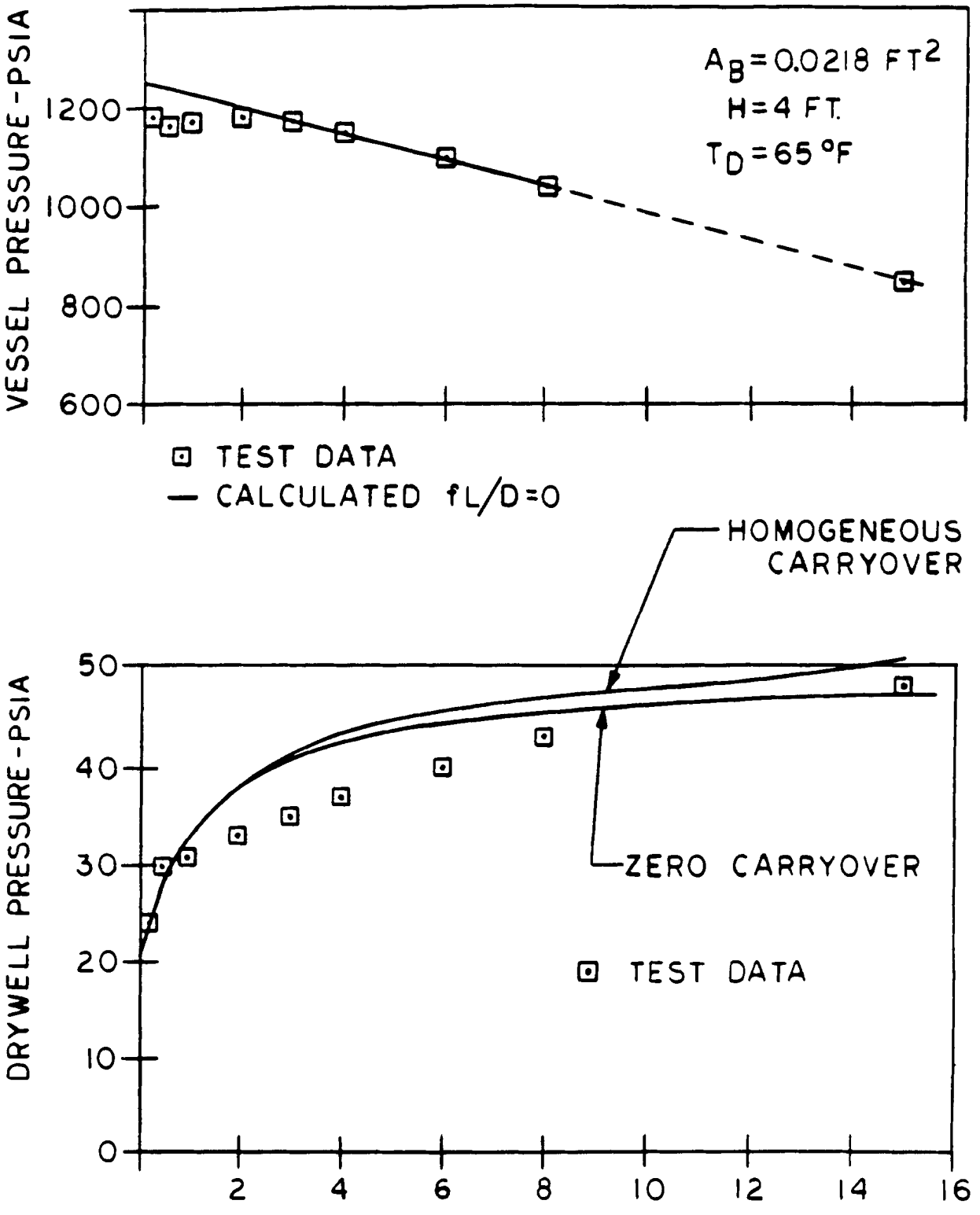
Maximum Wetwell Pressure Data Correlation — Blowdown From 1250 psia

Fig. 6.2-7





GPU Nuclear	Update - 5
Oyster Creek	12/90
Bodega Test No. 24	
	Fig. 6.2-8



GPU Nuclear | Update - 5
Oyster Creek | 12/90
Bodega Test No. 26
Fig. 6.2-9

GPU Nuclear

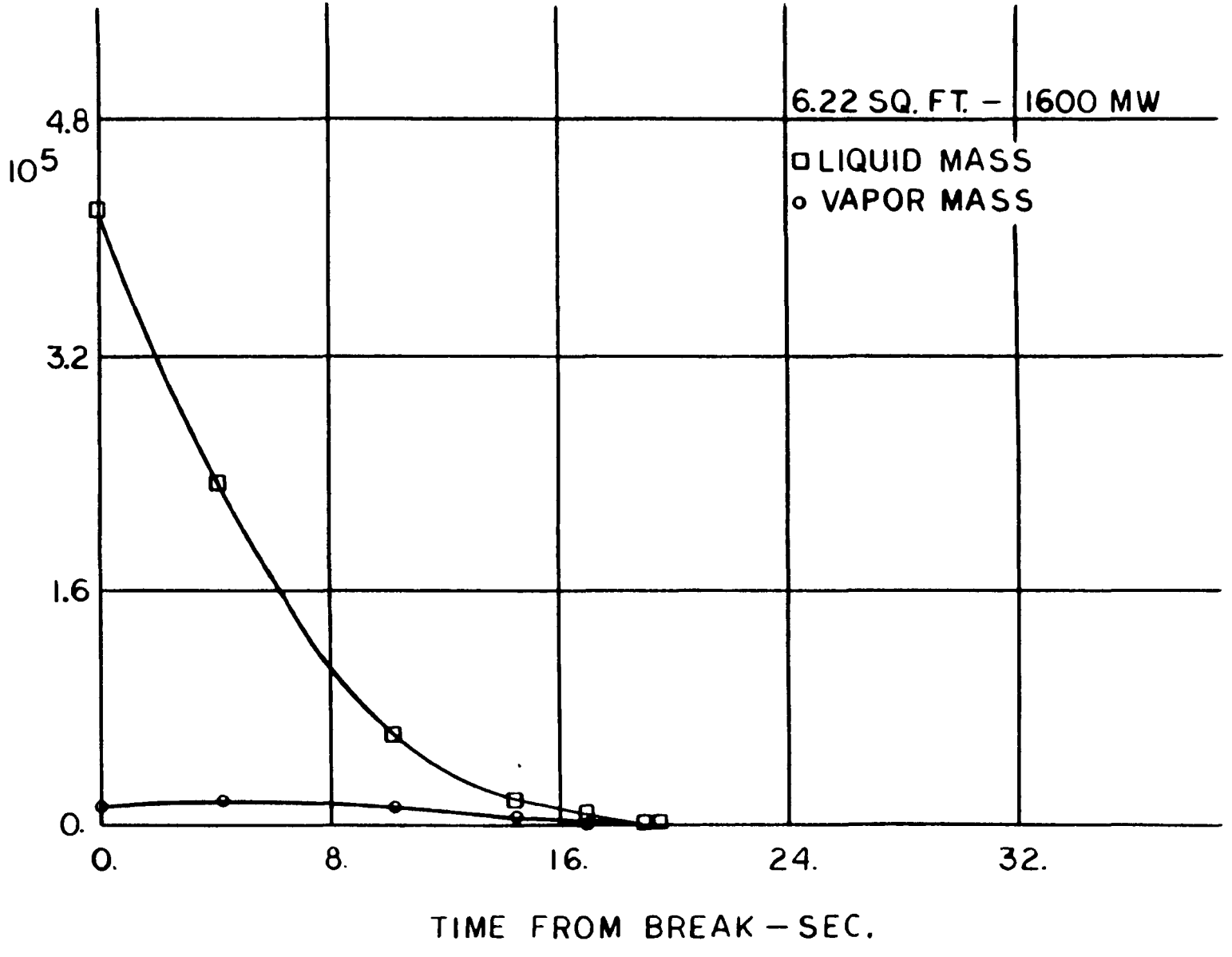
Oyster Creek

Update - 5

12/90

Reactor Vessel Pressure Following Recirculation Line Break

Fig. 6.2-10



GPU Nuclear

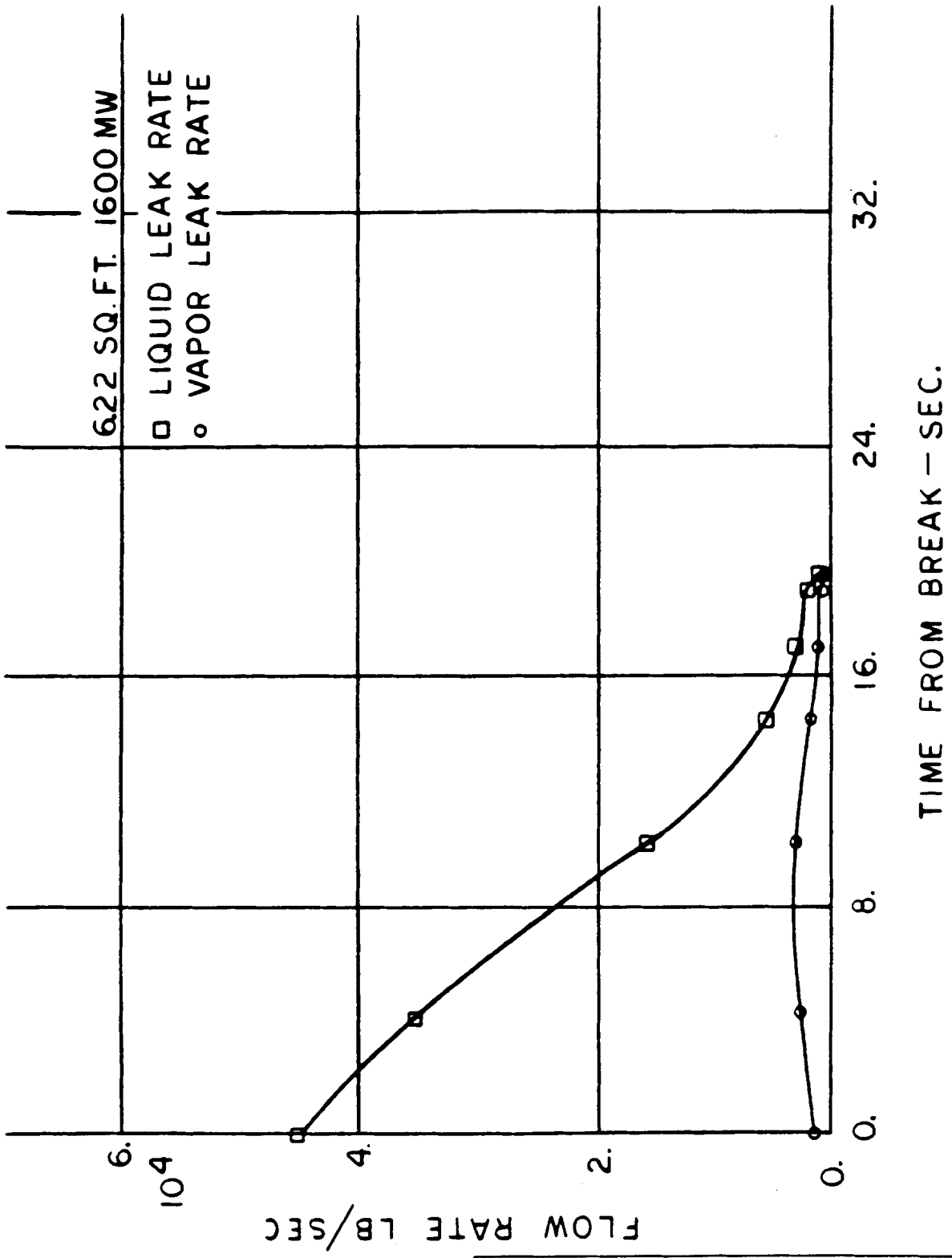
Oyster Creek

Update - 5

12/90

Reactor Coolant Inventory Following Recirculation Line Break

Fig. 6.2-11



GPU Nuclear

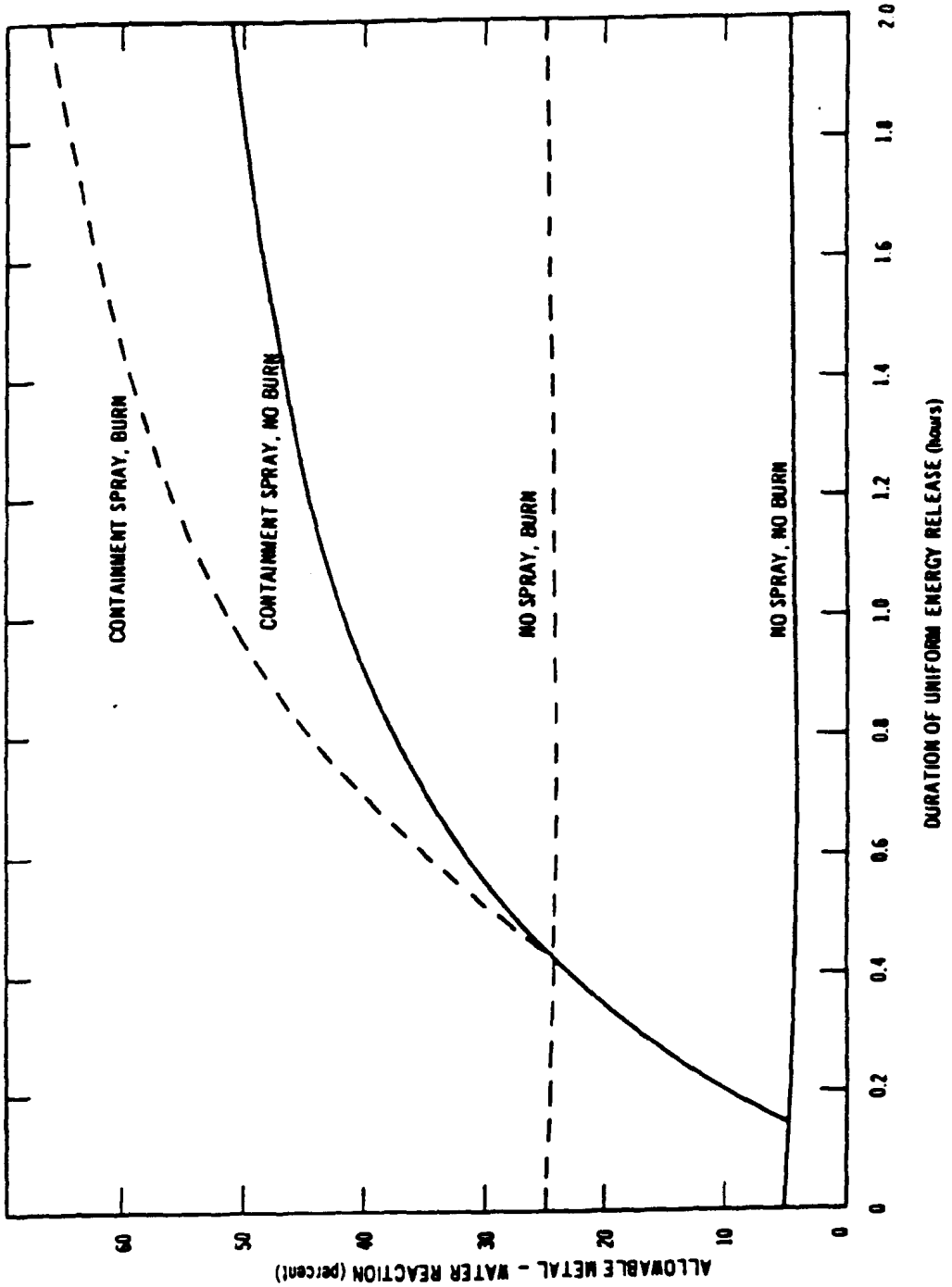
Oyster Creek

Update - 5

12/90

Reactor Coolant Loss Rate Following Recirculation Line Break

Fig. 6.2-12



GPU Nuclear

Oyster Creek

Update - 5

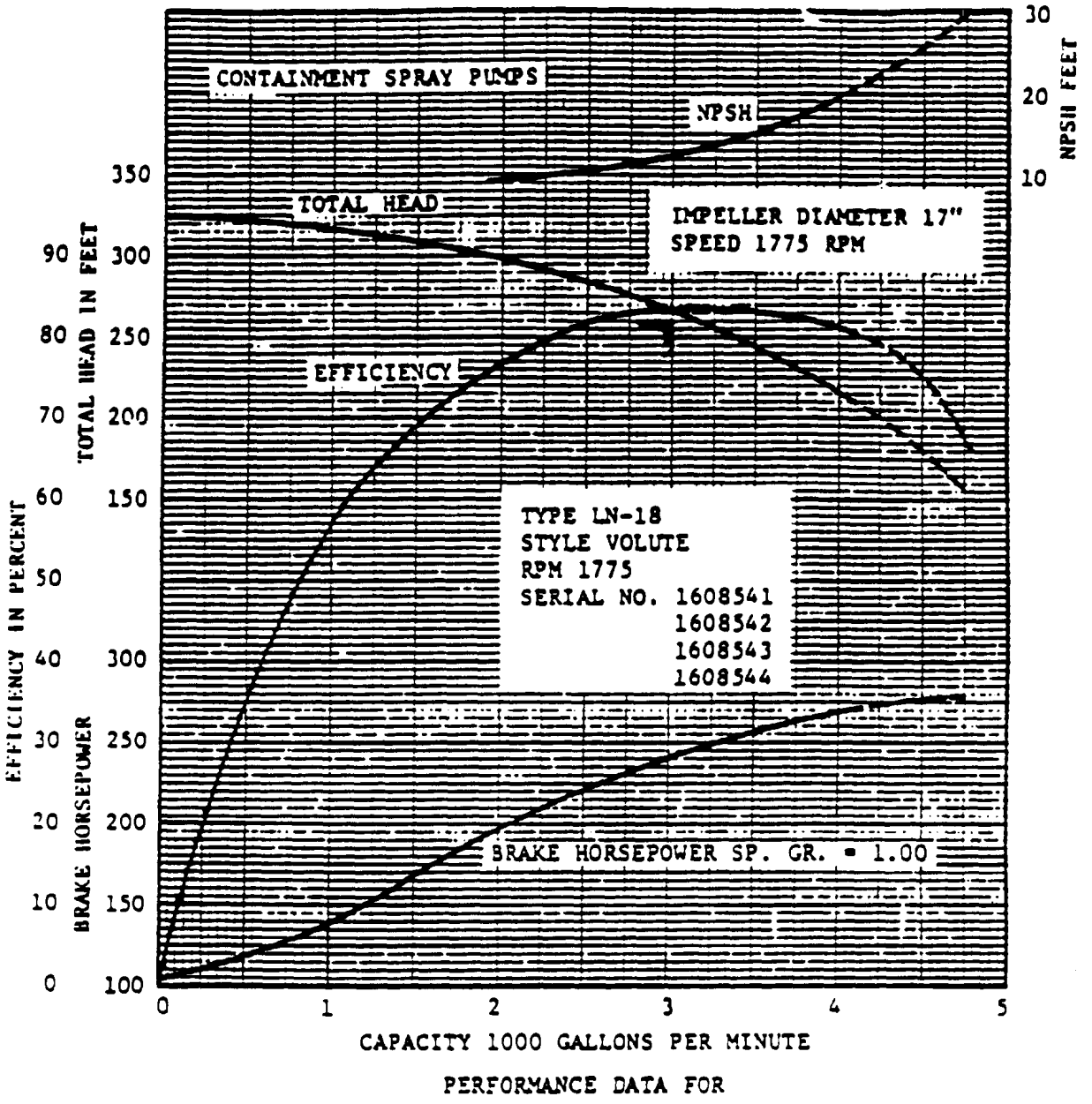
12/90

Containment Capability

Fig. 6.2-13

Figure 6.2-14

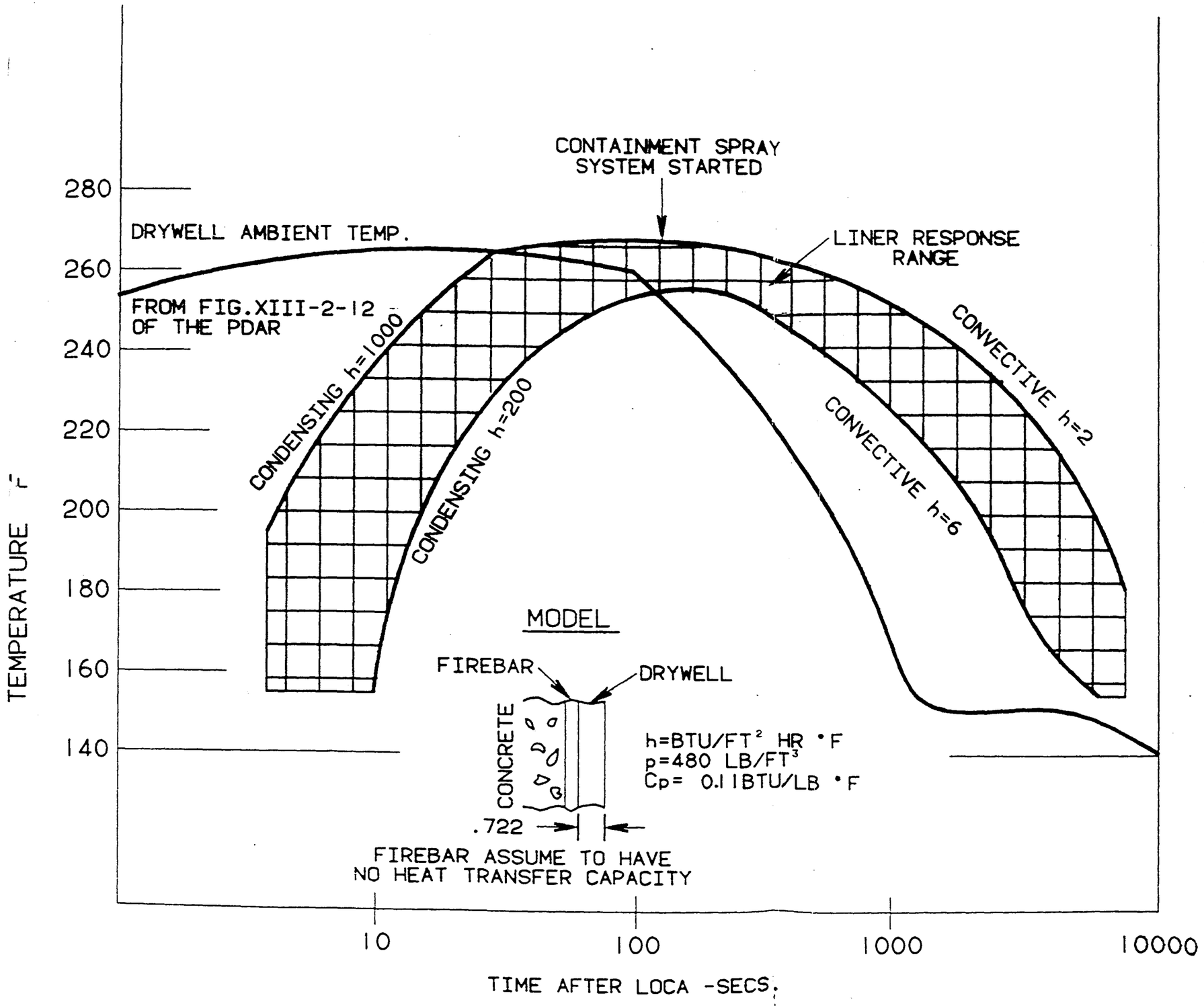
Deleted



GPU Nuclear	Update - 5
Oyster Creek	12/90
Performance Data for Containment Spray Pumps	
	Fig. 6.2-15

Figures 6.2-16A through 6.2-17

Deleted



GPU Nuclear

Update - 11

Oyster Creek

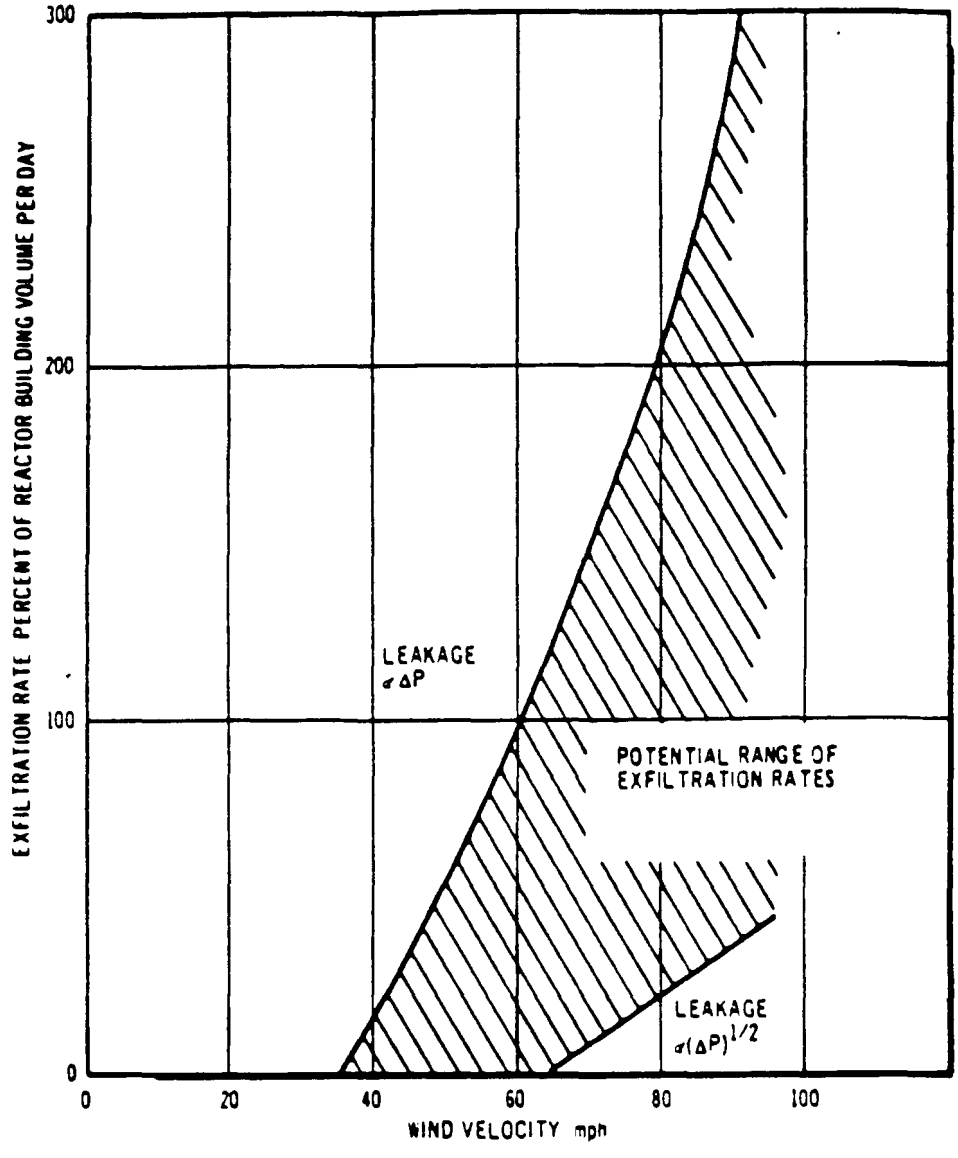
4/99

Range of Possible Drywell Temperature Following The LOCA (No Drywell Insulation)

Fig. 6.2-18

Figure 6.2-19

Deleted



GPU Nuclear

Oyster Creek

Update - 5

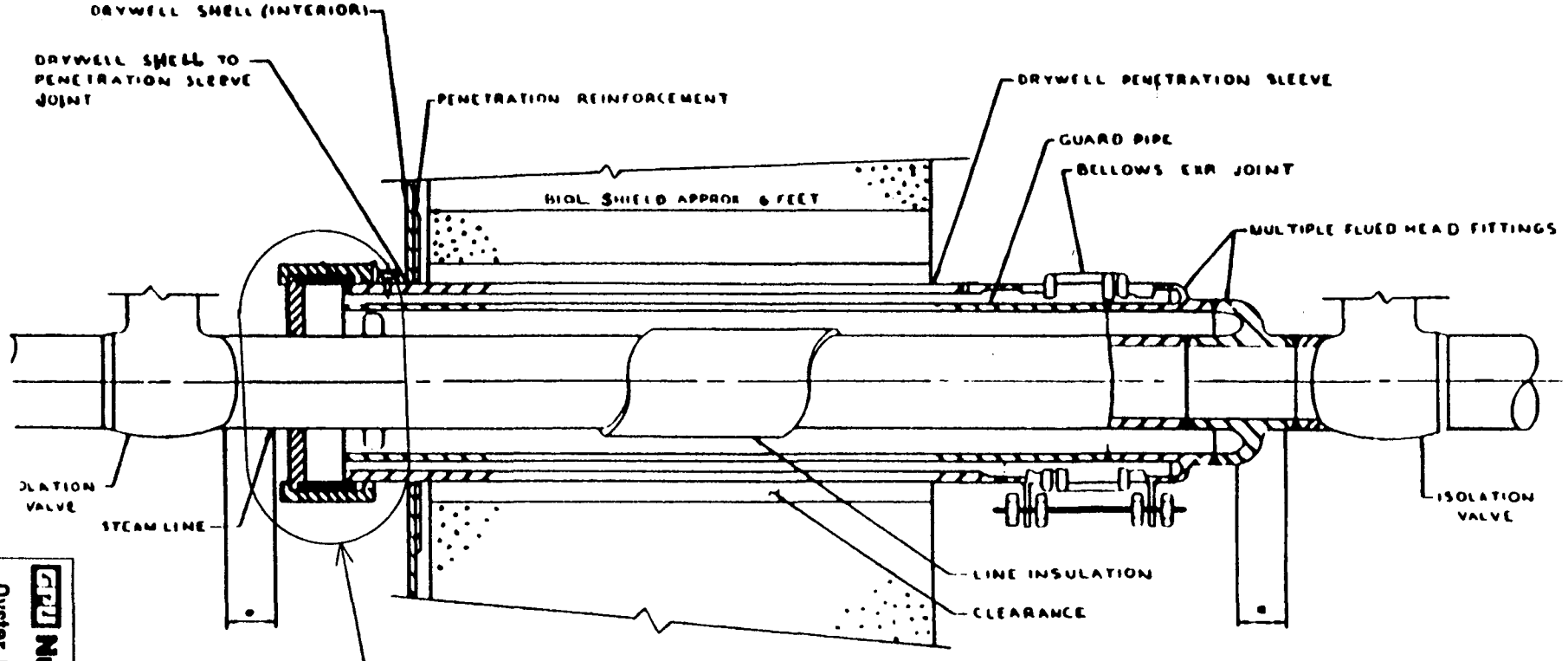
12/90

Calculated Range of Reactor Building Exfiltration Rates as a Function of Wind Velocity

Fig. 6.2-20

Figures 6.2-21A through 6.2-21B

Deleted



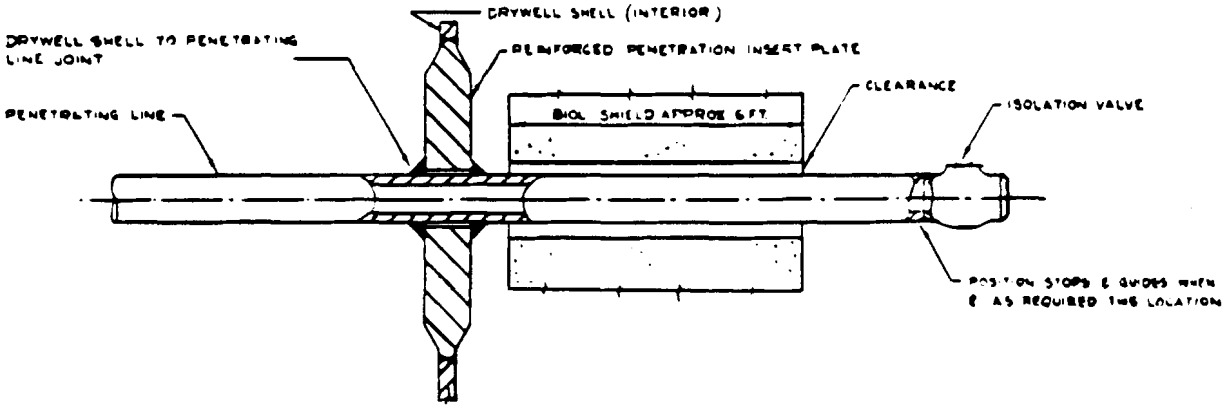
SEE SKETCH ATTACHED TO
MEMO 5310-90-073

* PIPE SUPPORTS, STOPS AND GUIDES - ALLOW NORMAL PIPE LINE GROWTH AND MOVEMENT IN PENETRATION PARALLEL TO PENETRATION ONLY.

GPU Nuclear
Oyster Creek
Update - 10
04/97

Primary Containment High Temperature Process Line Penetration

Fig. 6.2-22



GPU Nuclear

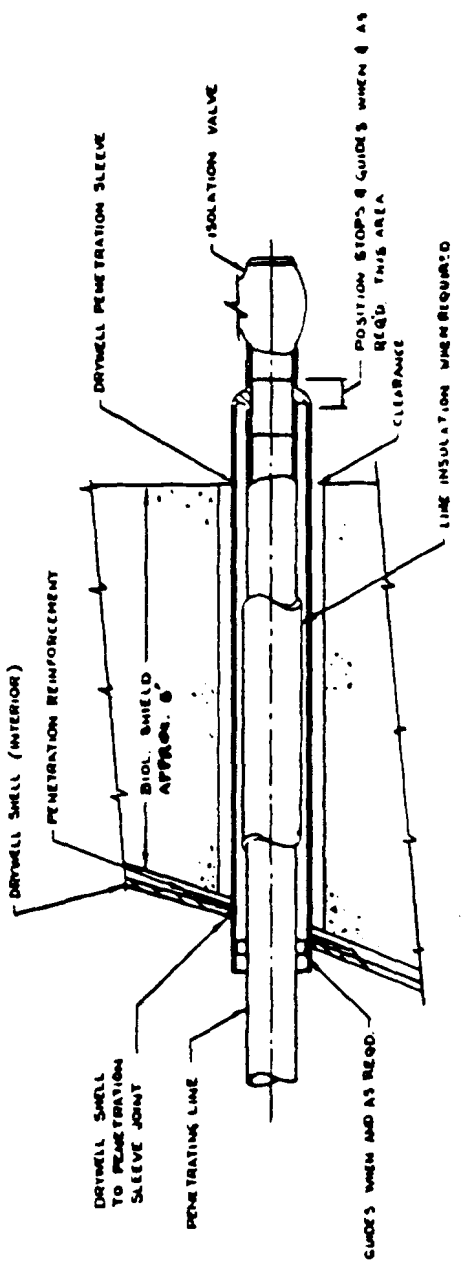
Oyster Creek

Update - 5

12/90

Primary Containment Process Line Penetration — Type 1

Fig. 6.2-23



GPU Nuclear

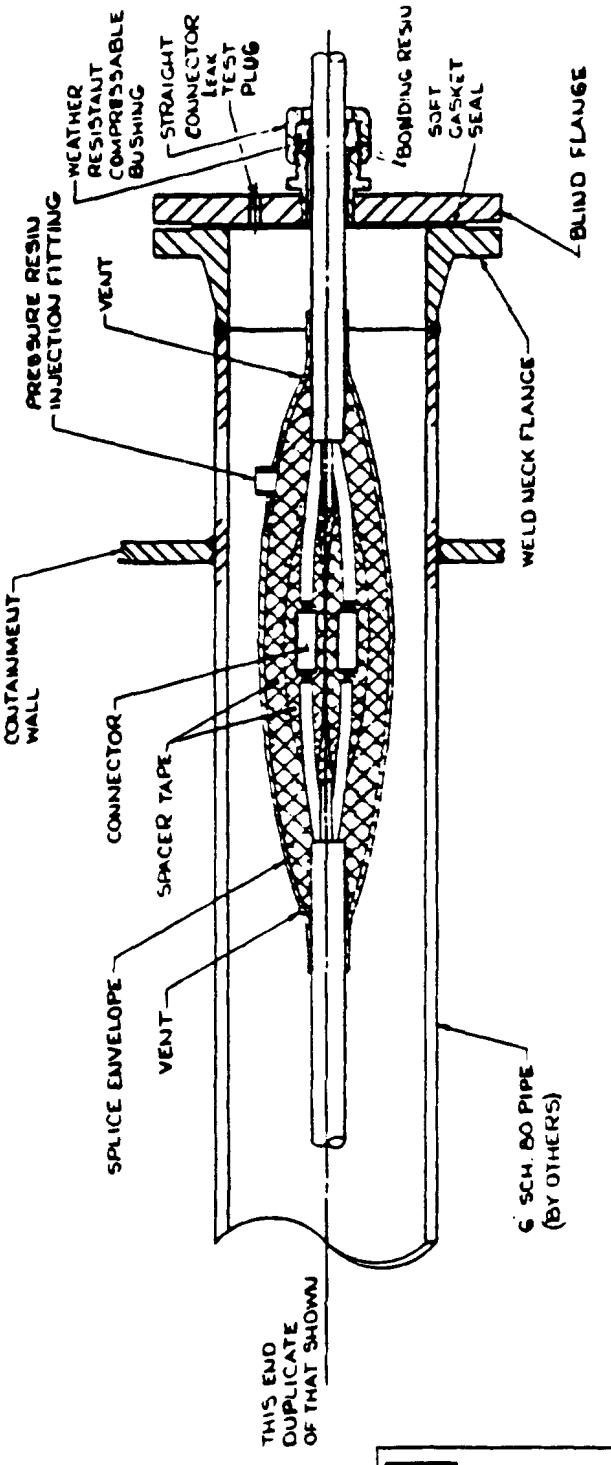
Update - 5

Oyster Creek

12/90

Primary Containment Process Line Penetration — Type 2

Fig. 6.2-24



GPU Nuclear

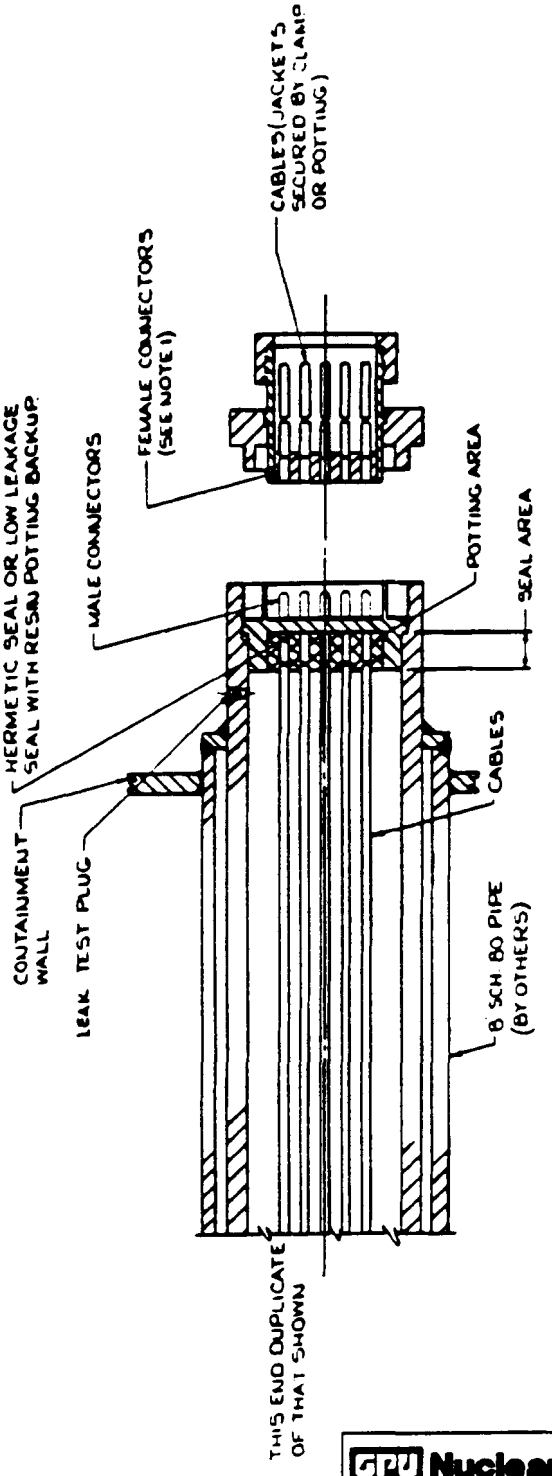
Update - 5

Oyster Creek

12/90

Primary Electrical Penetration — Single

Fig. 6.2-25



GPU Nuclear

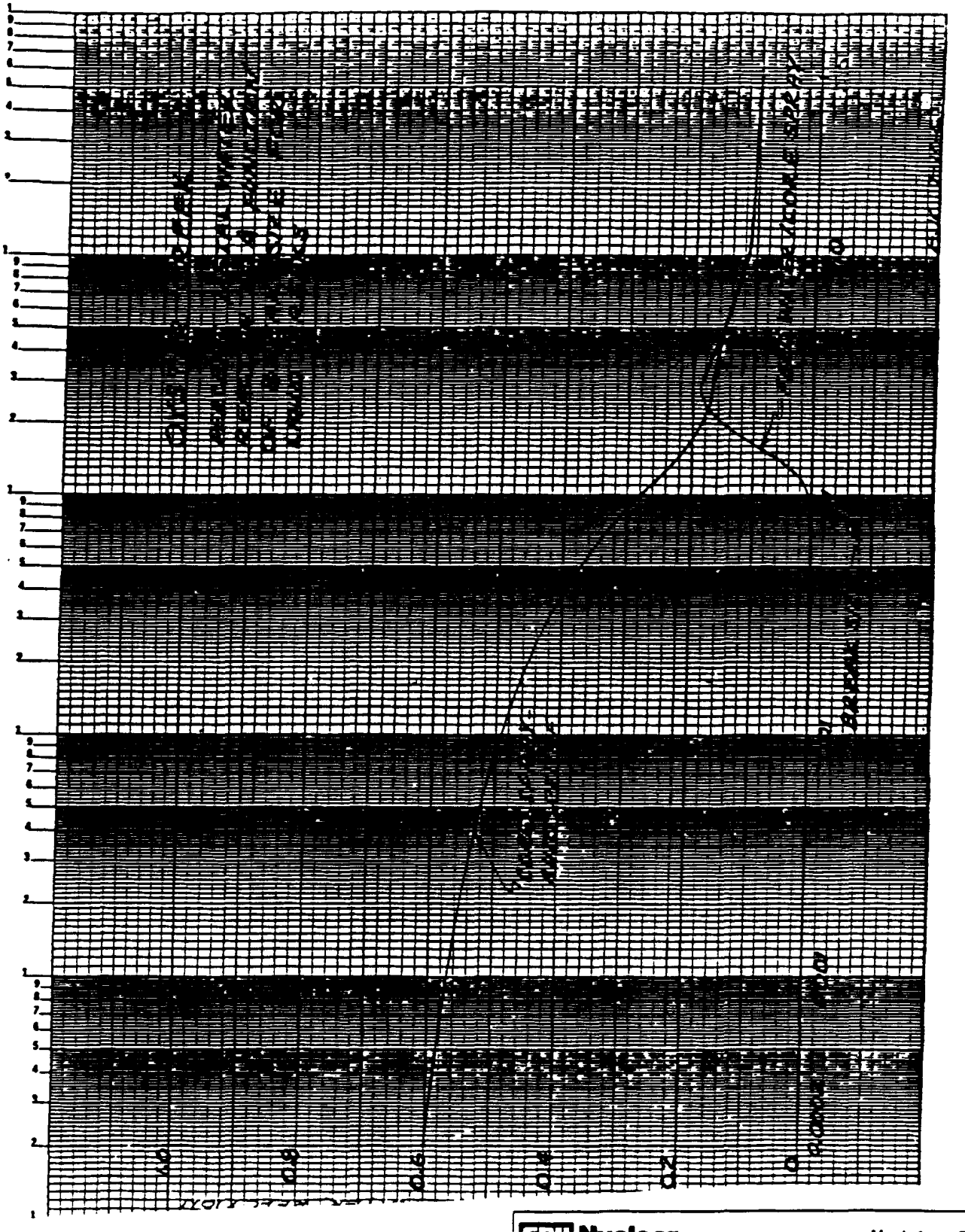
Update - 5

Oyster Creek

12/90

Primary Electrical Penetration — Multiple

Fig. 6.2-26

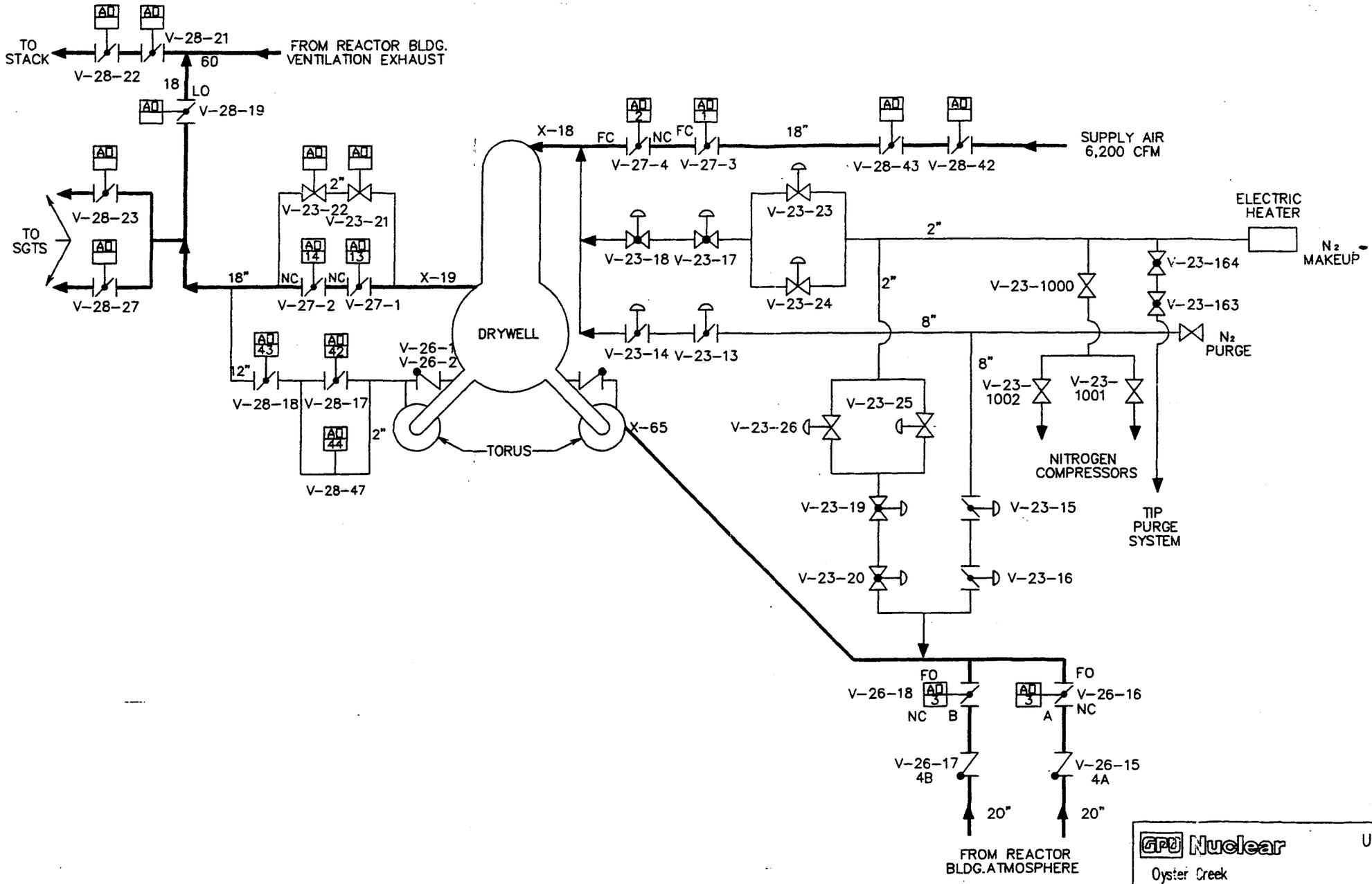


GPU Nuclear | Update - 5

Oyster Creek | 12/90

Percent Metal Water Reaction as a Function of Break Size for Liquid Breaks

Fig. 6.2-27



GPU Nuclear
Oyster Creek

UPDATE-11
04/99

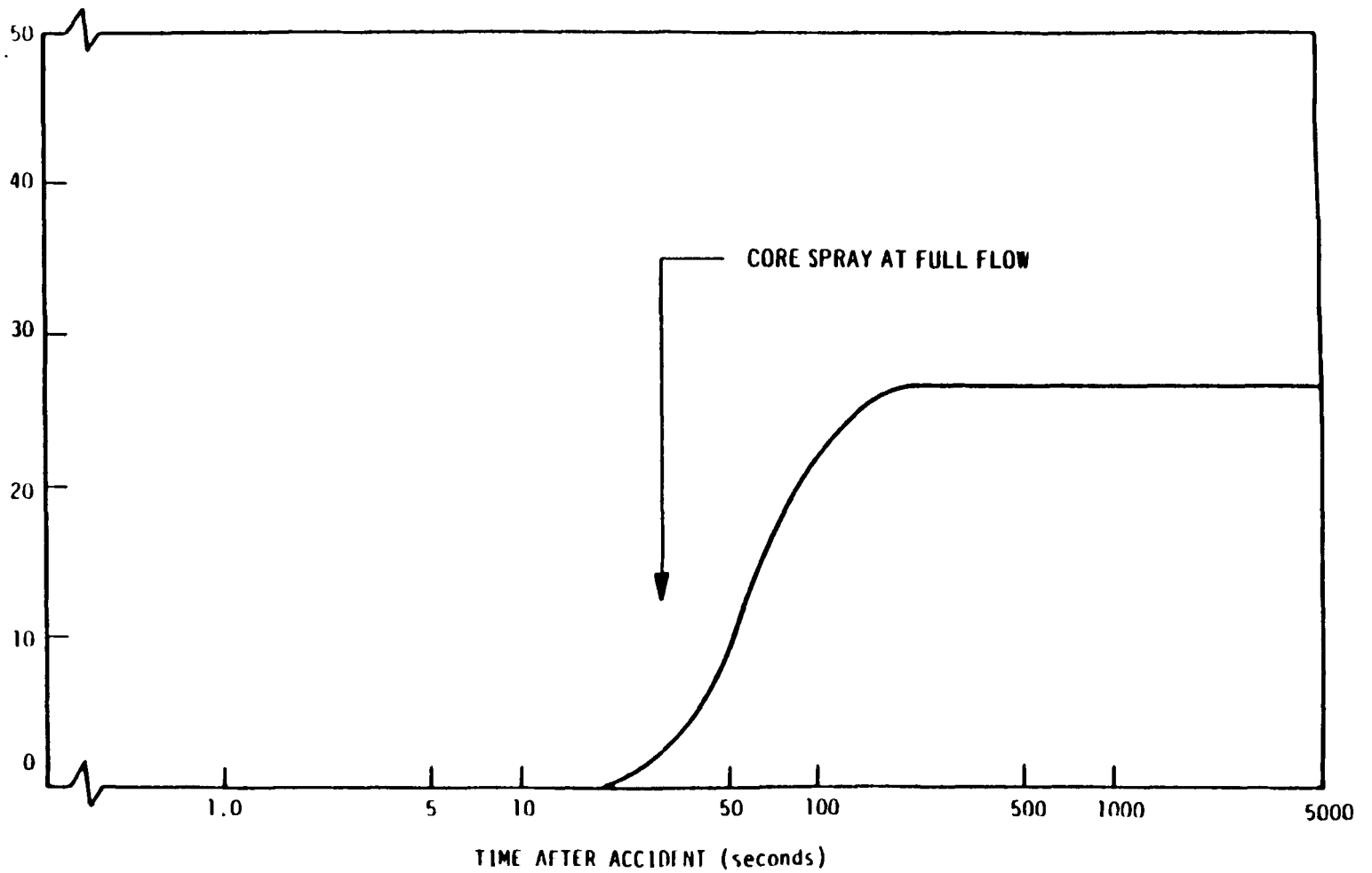
Primary Containment Ventilation /Inerting System

CADD #S36,SKM,00,0346,000-,0001

Fig.6.2-28

Figures 6.2-29 through 6.2.35

Deleted



GPU Nuclear

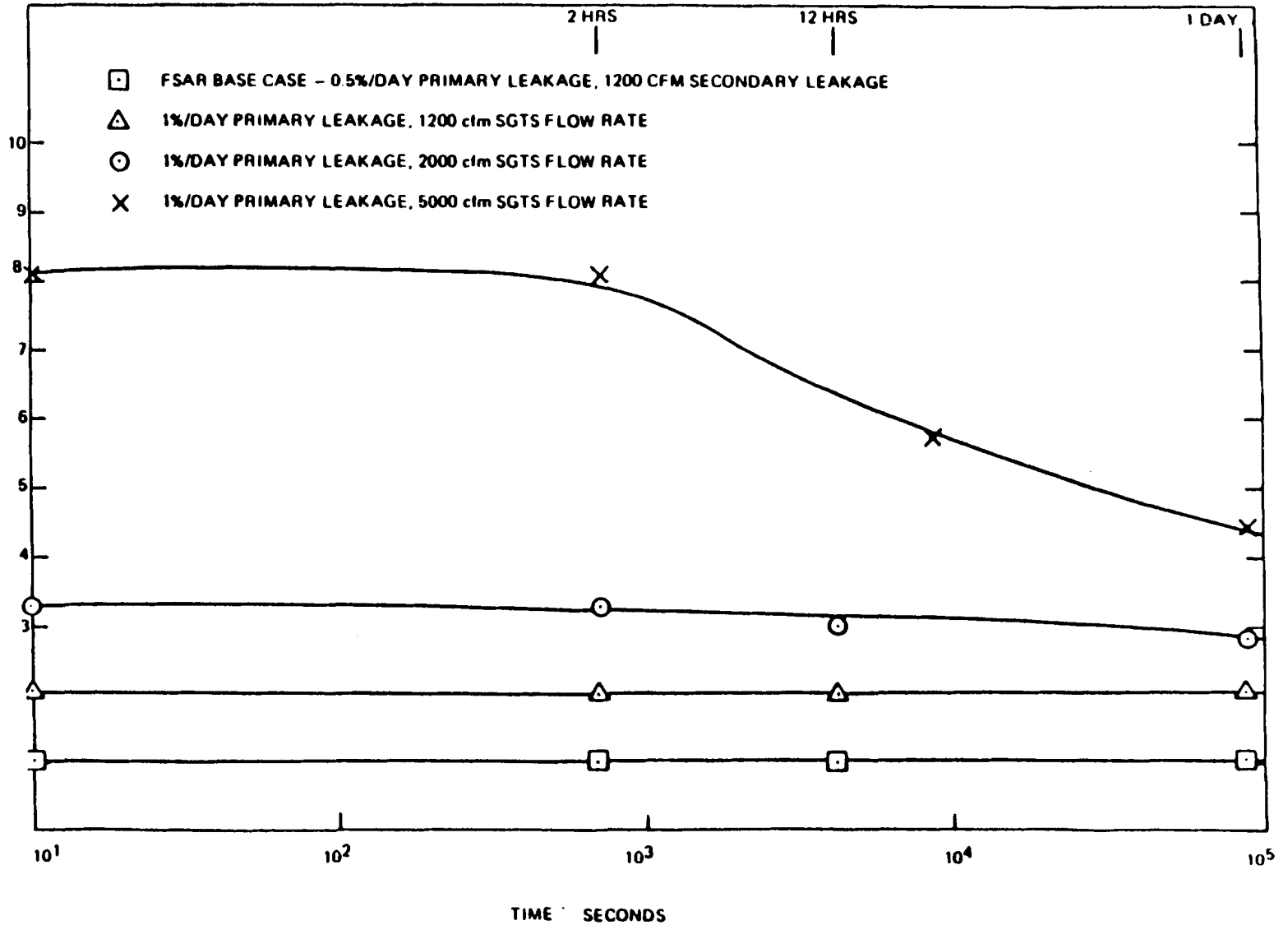
Oyster Creek

Update - 5

12/90

Fuel Rod Perforations Following Recirculation Line Break

Fig. 6.2-36



GPU Nuclear

Oyster Creek

Update - 5

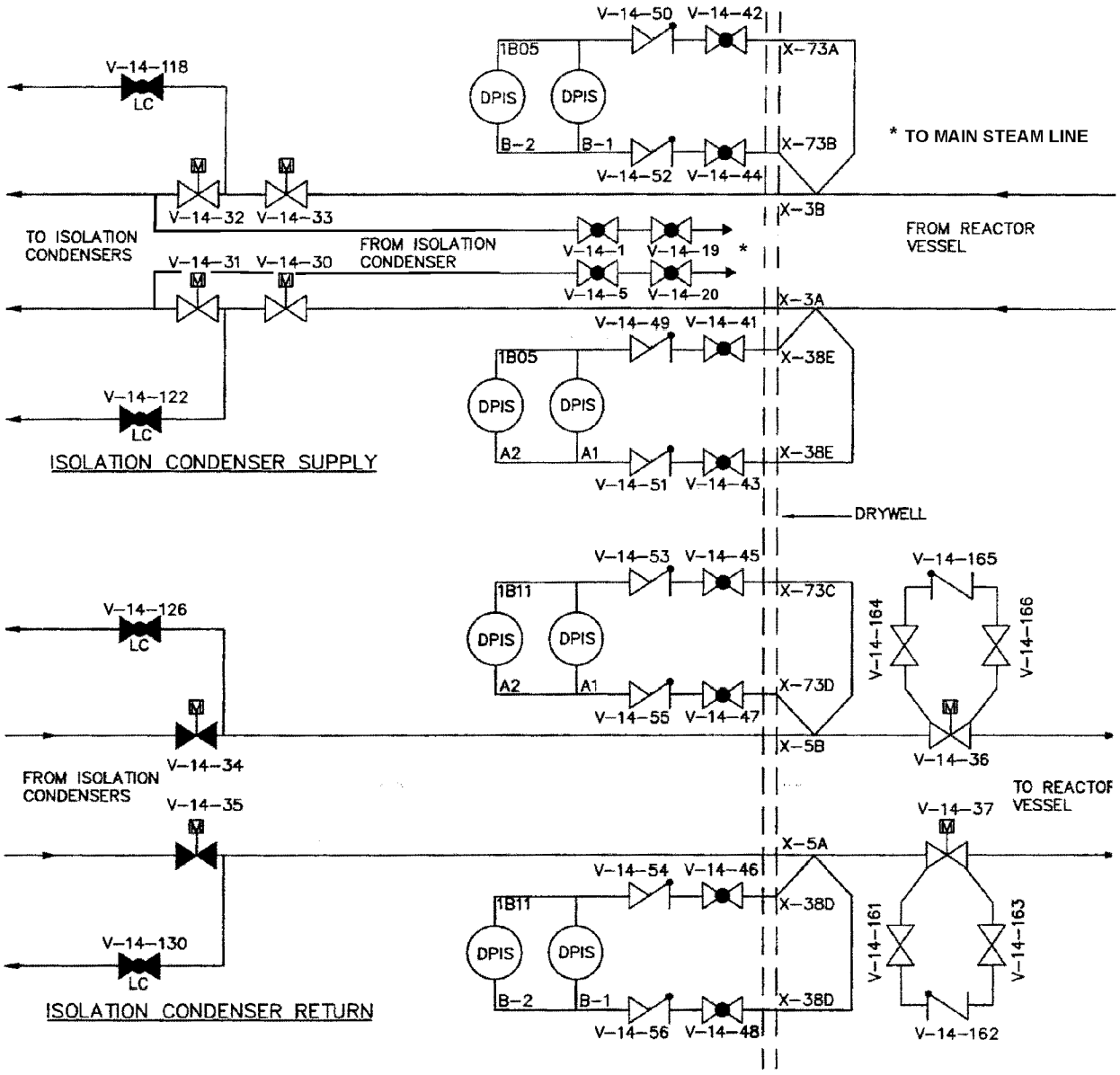
12/90

Relative Dose Factor vs. Time

Fig. 6.2-37

Figures 6.2-38A through 6.2-38B

Deleted



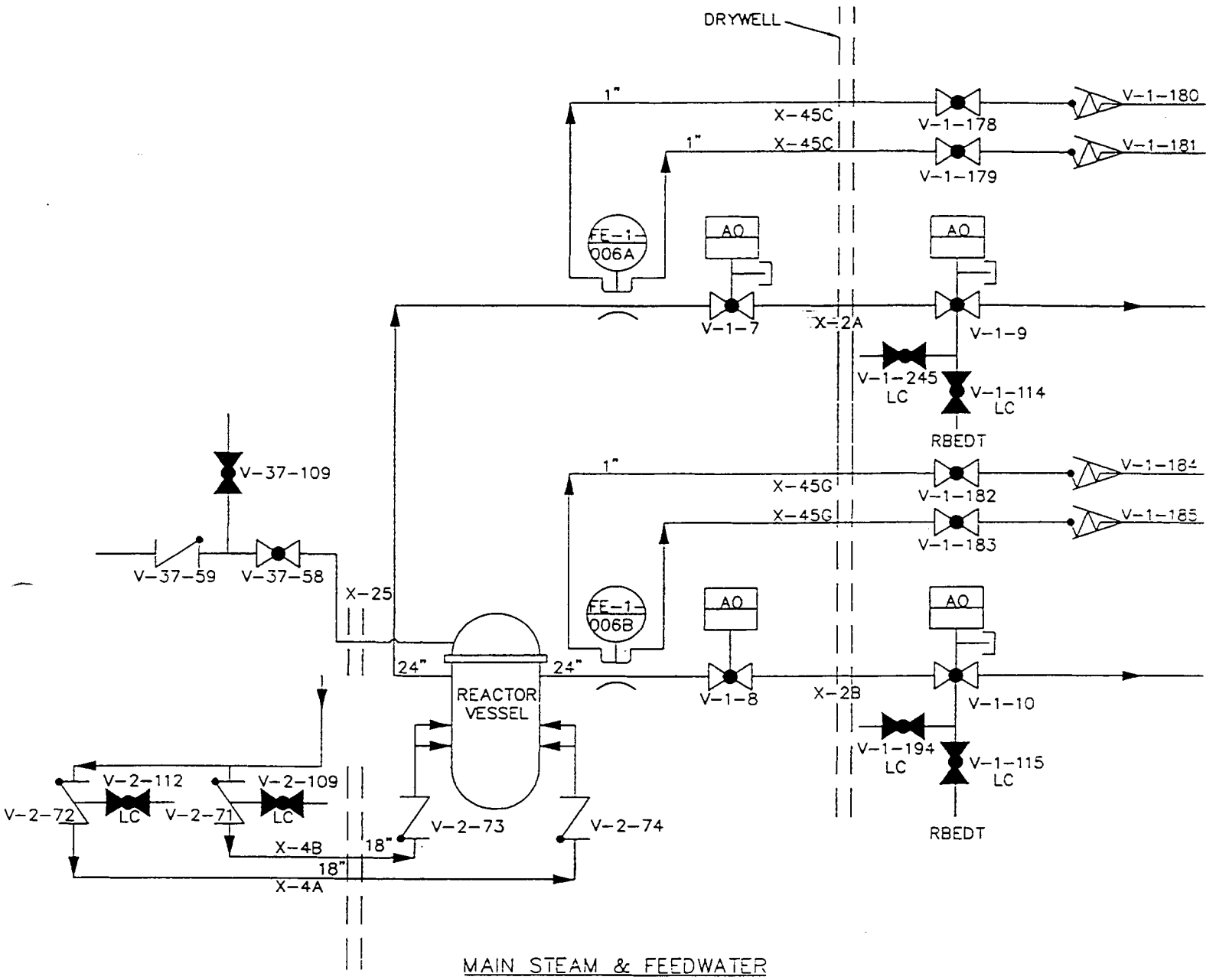
REV. 16, OCTOBER 2009

FIGURE 6.2-39

OYSTER CREEK
Containment Isolation Valves
Isolation Condenser

148F262

Fig. 6.2-39



MAIN STEAM & FEEDWATER

GPU NUCLEAR

Update - 11

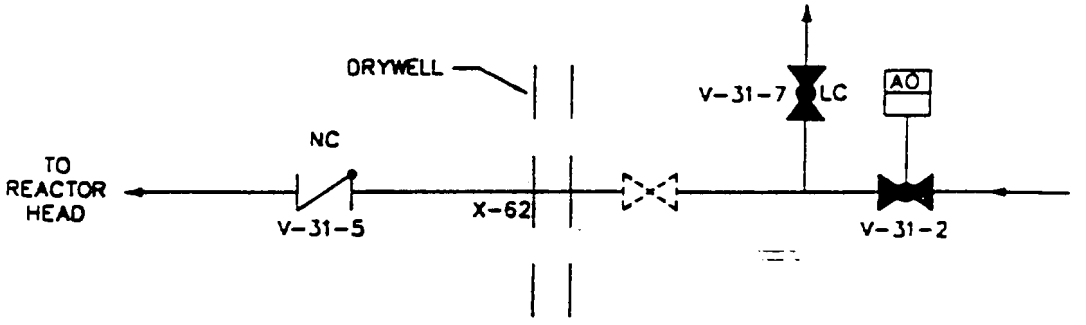
04/99

OYSTER CREEK

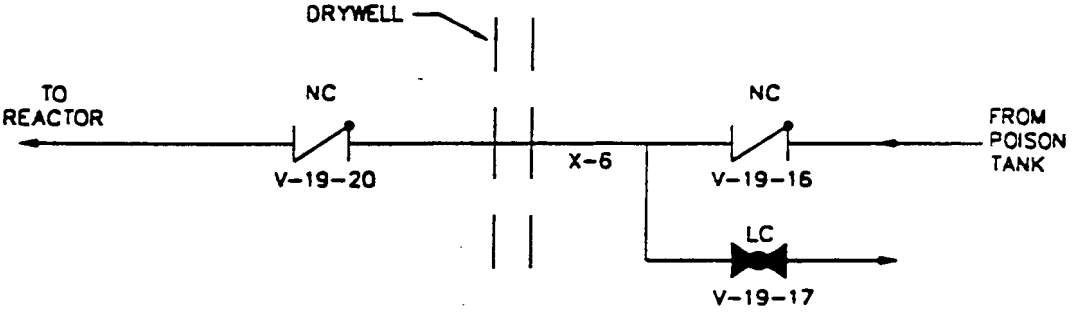
Containment Isolation Valves
Main Steam & Feedwater

2002 SH1,2, JC 19616

Fig. 6.2-40



REACTOR HEAD COOLING



LIQUID POISON SYSTEM

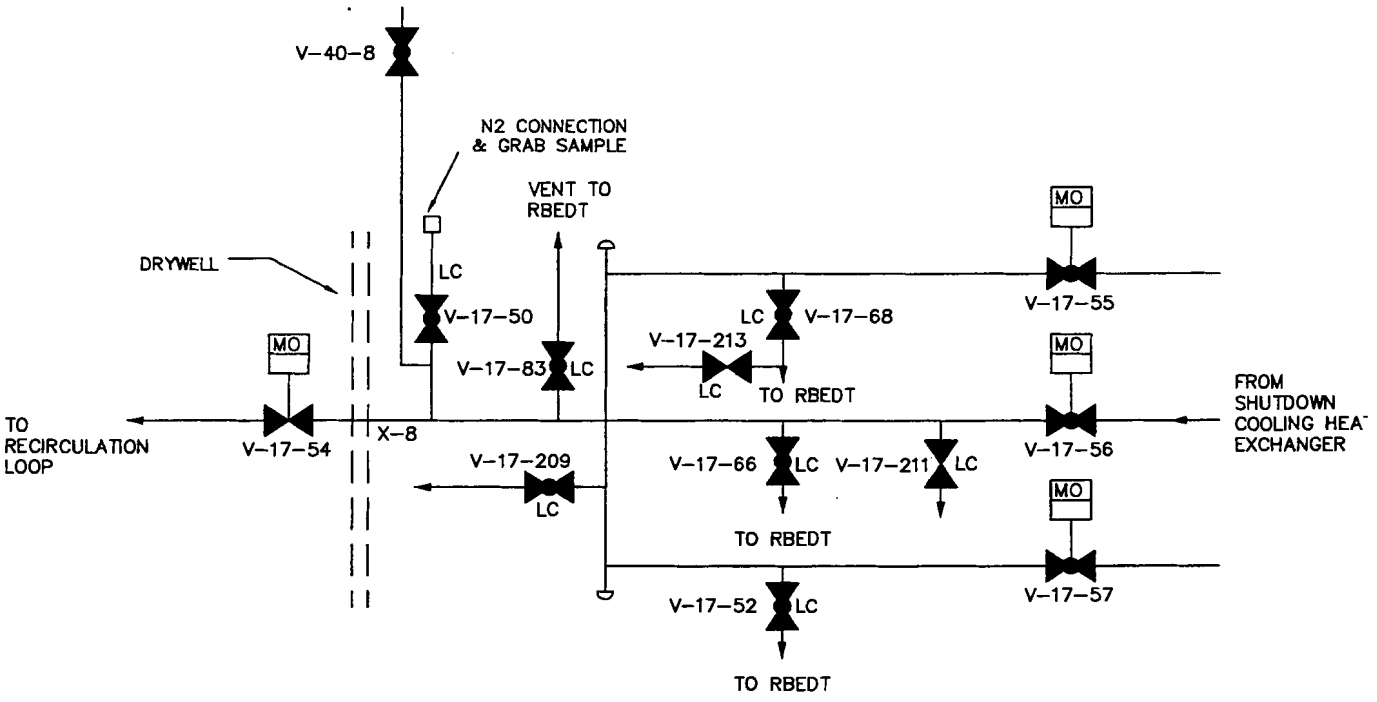
GPU NUCLEAR

Update – 11
04/99

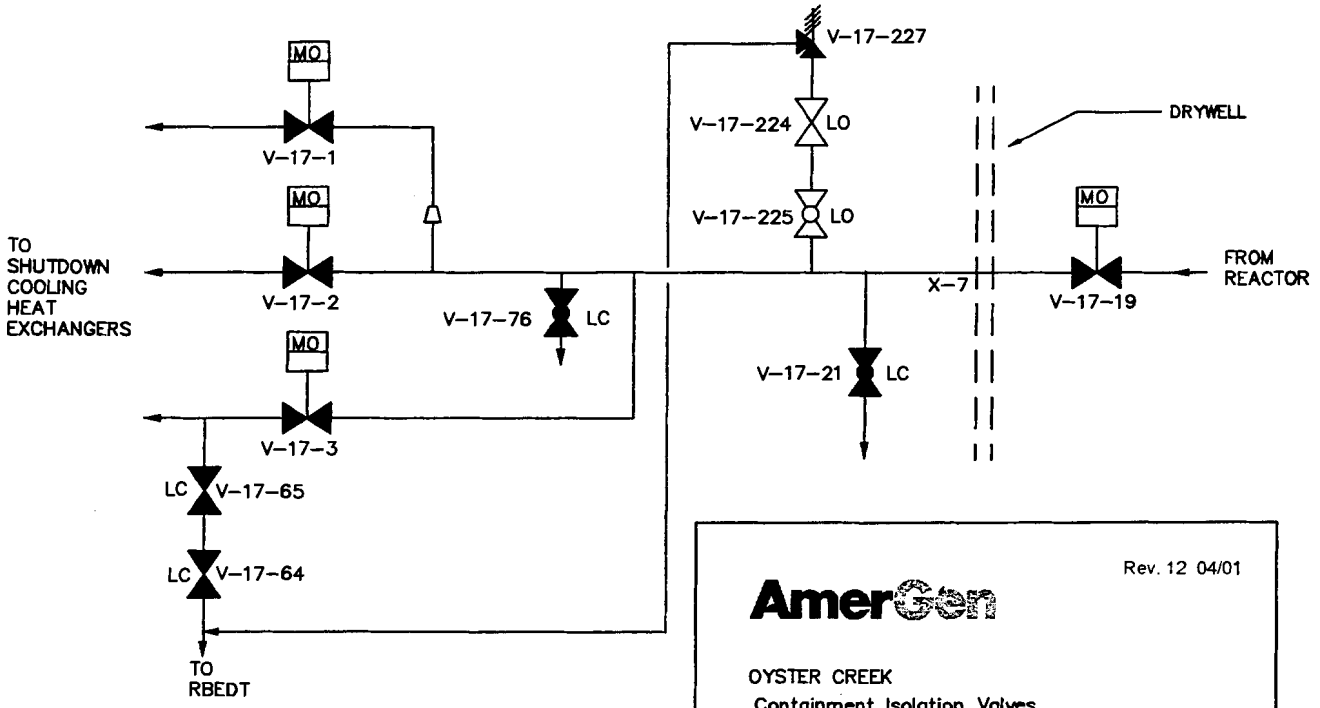
OYSTER CREEK
Containment Isolation Valves
Liquid Poison/Reactor Head Cooling

237E487, 148F723

Fig. 6.2-41



SHUTDOWN COOLING RETURN



AmerGen

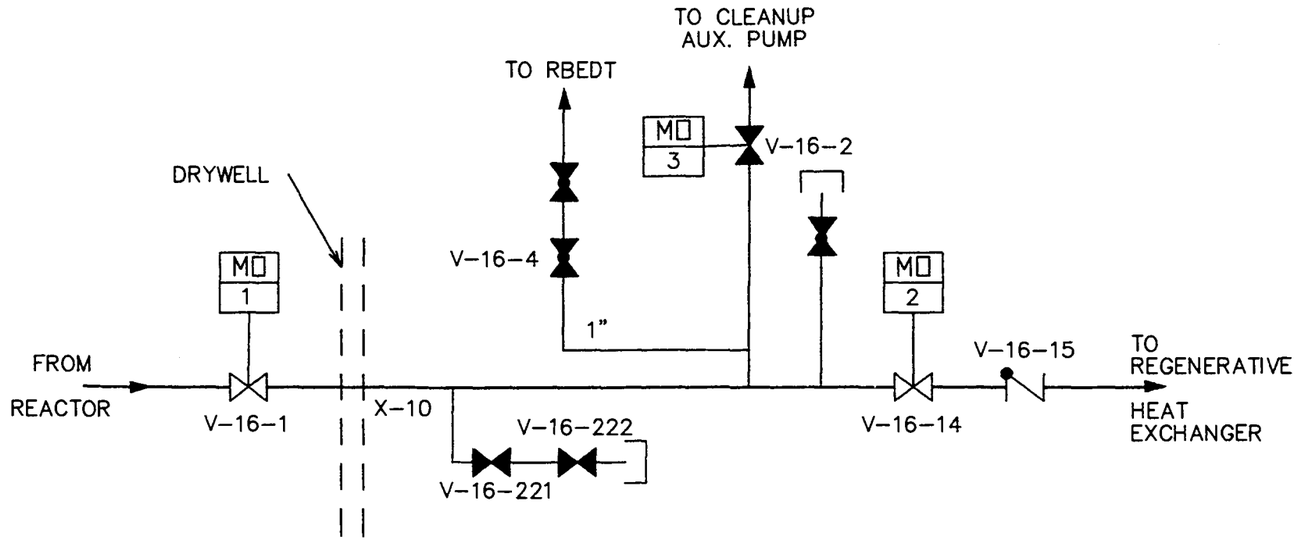
Rev. 12 04/01

OYSTER CREEK

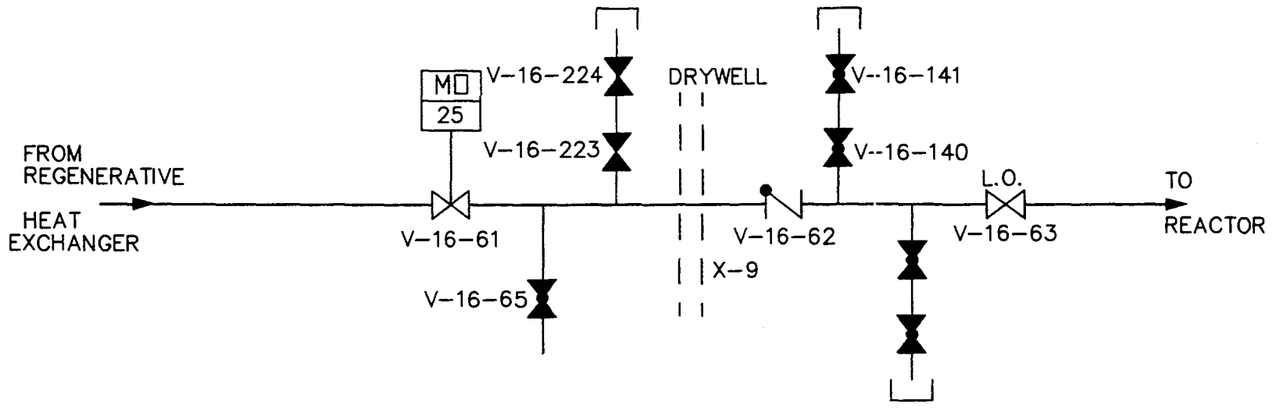
Containment Isolation Valves
Shutdown Cooling

148F711

Fig. 6.2-42



REACTOR CLEANUP SUPPLY



REACTOR CLEANUP RETURN

GPU Nuclear

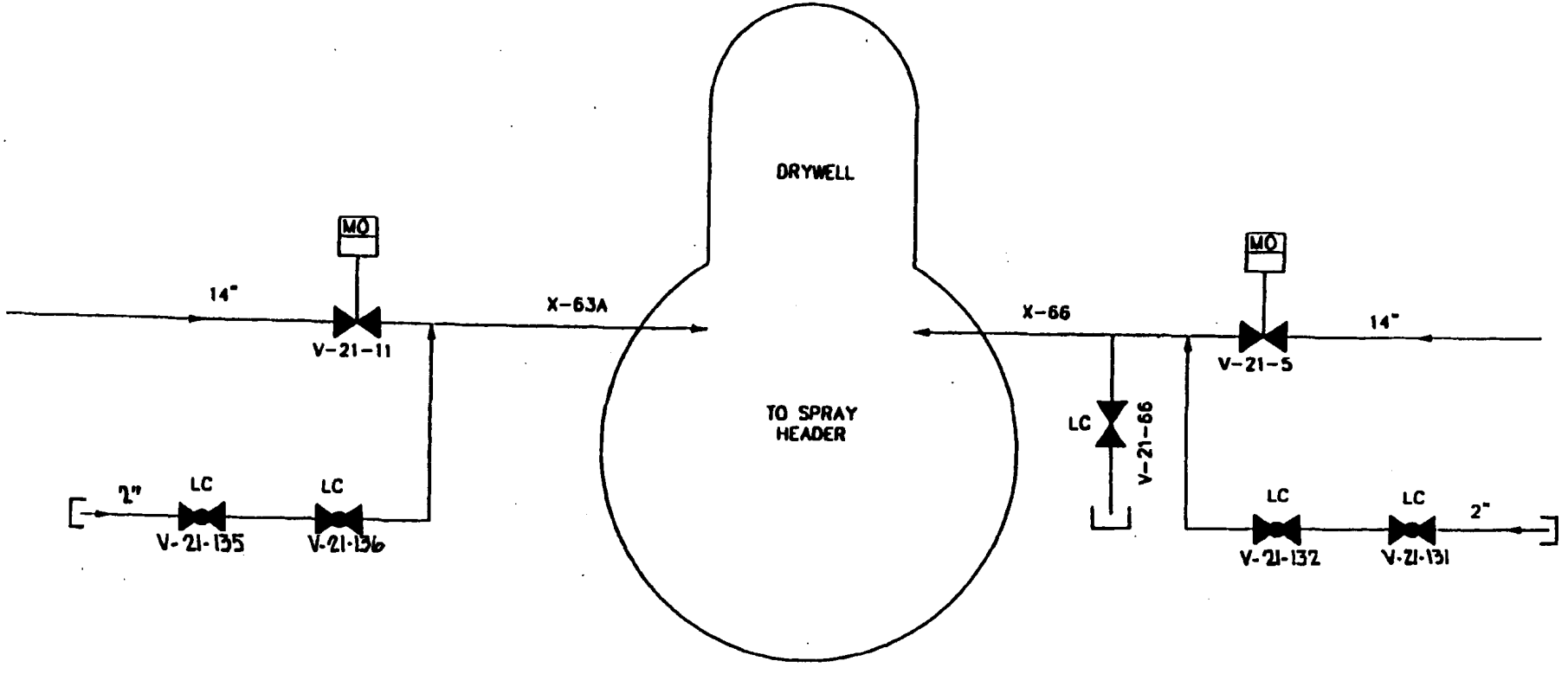
UPDATE-11
4/99

Oyster Creek

Containment Isolation Valves

S3B,SKM,00,0348,000-,0001

Fig. 6.2-43



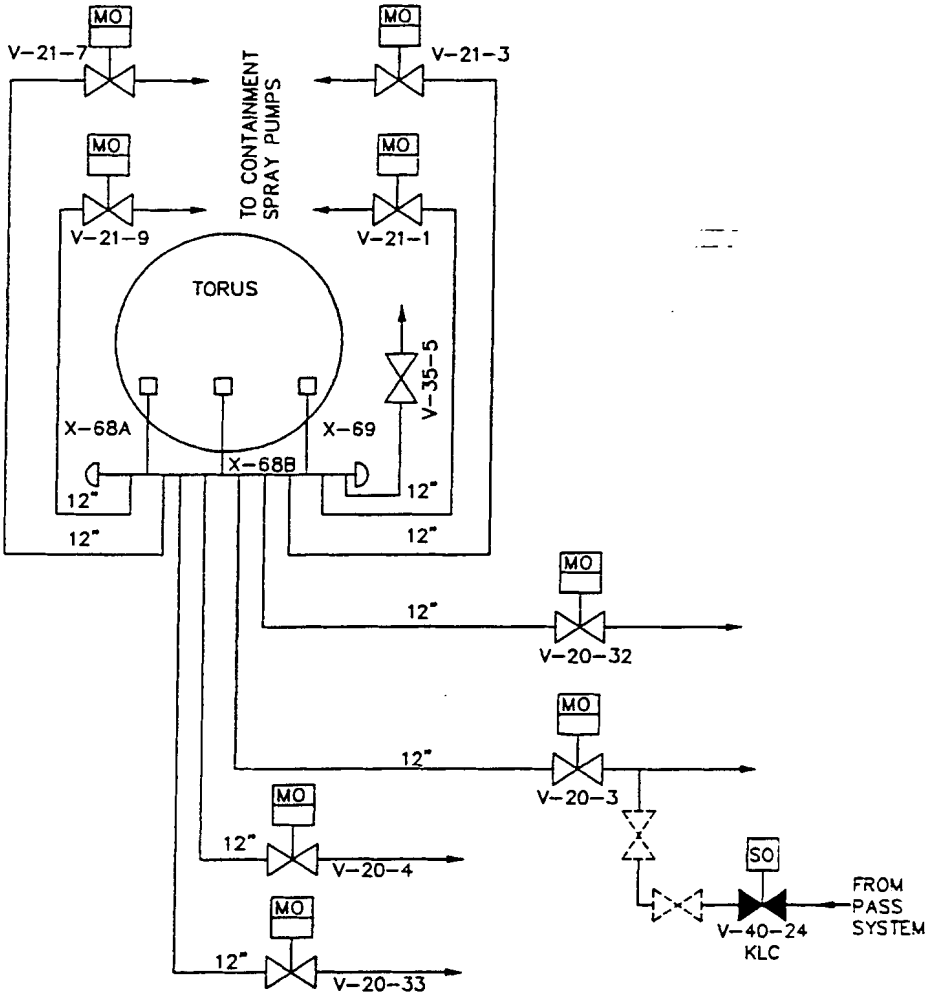
CONTAINMENT SPRAY (DRYWELL)

Update 14
10/05

OYSTER CREEK NUCLEAR GENERATING STATION

Containment Isolation Valves

FIGURE 6.2-44



CORE SPRAY AND CONTAINMENT SPRAY SUPPLY FROM TORUS

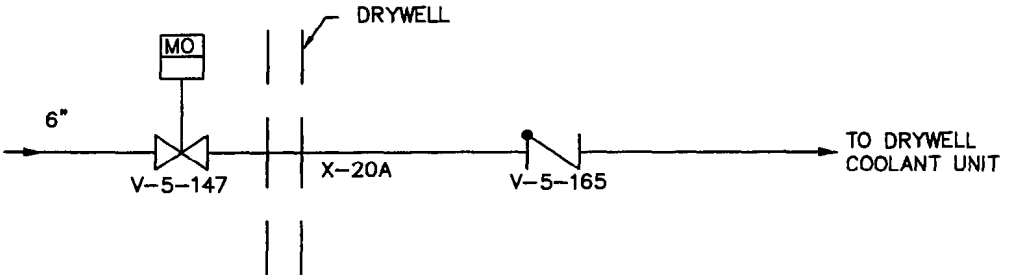
GPU NUCLEAR

Update – 11
04/99

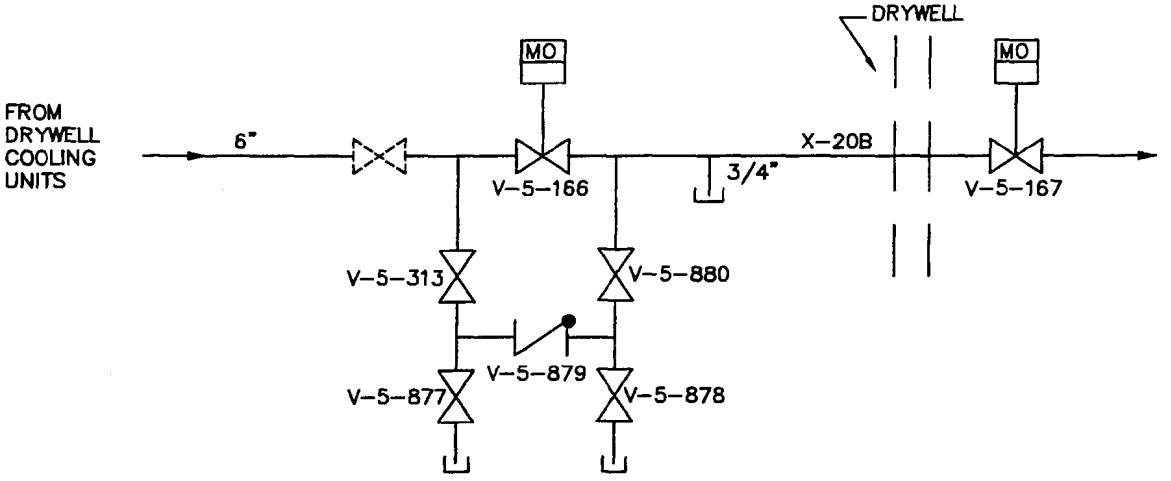
OYSTER CREEK
Containment Isolation Valves
Core Spray/Containment Spray

148F740
885D781

Fig. 6.2–45



RB CLOSED COOLING SUPPLY



RB CLOSED COOLING RETURN

AmerGen

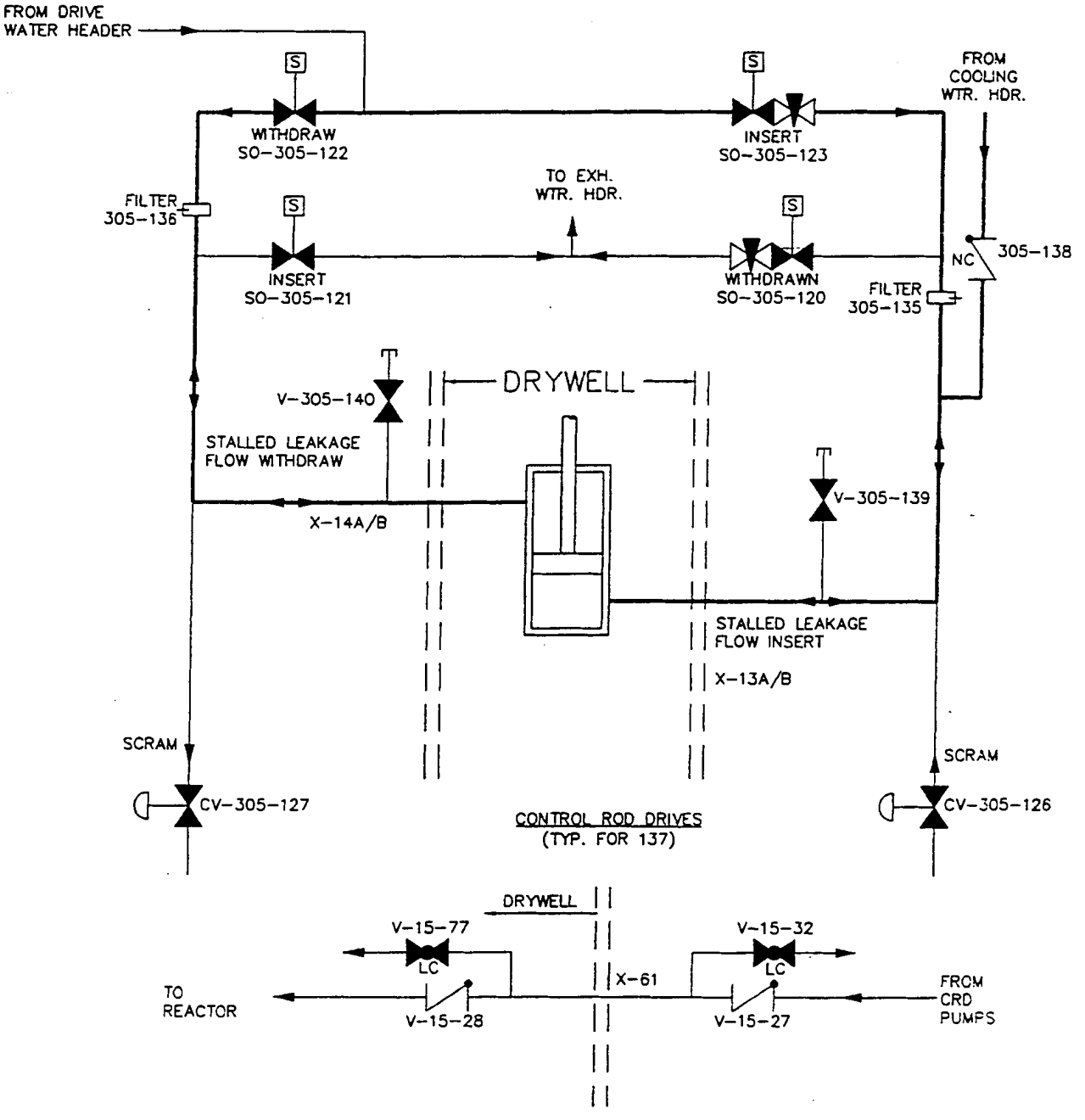
Rev. 12 04/01

OYSTER CREEK

Containment Isolation Valves
RBCCW

2006 SH 3

Fig. 6.2-46



GPU NUCLEAR

Update – 11

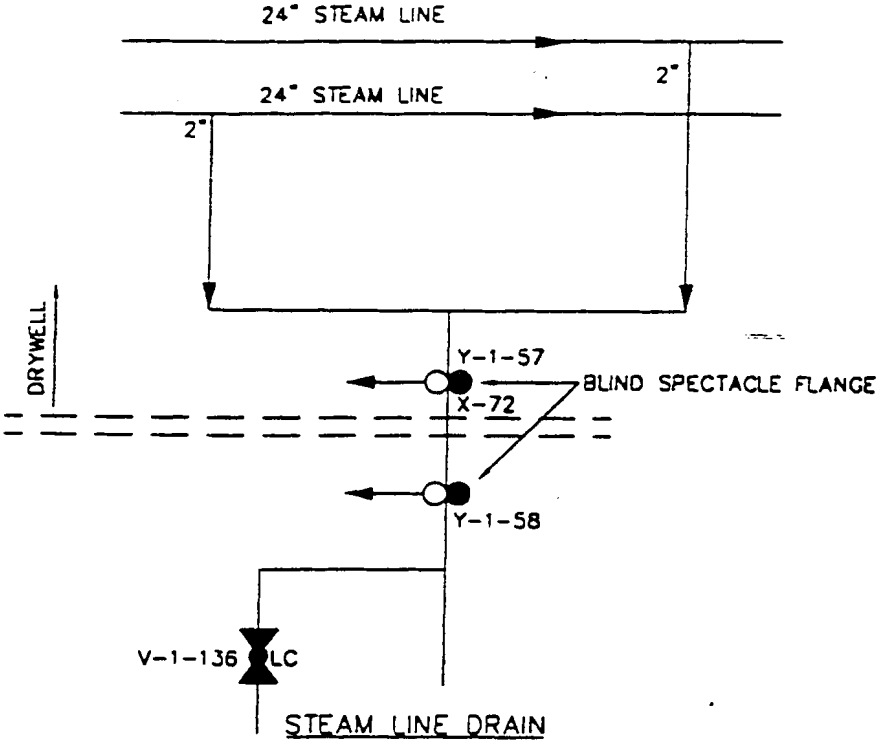
04/99

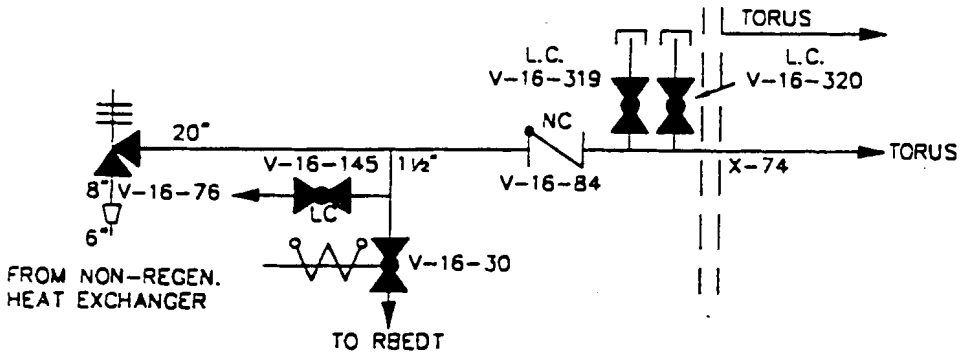
OYSTER CREEK

Containment Isolation Valves CRD

237E487, 197E871

Fig. 6.2-47





CLEAN-UP DEMINERALIZER RELIEF LINE

GPU NUCLEAR

Update - 11

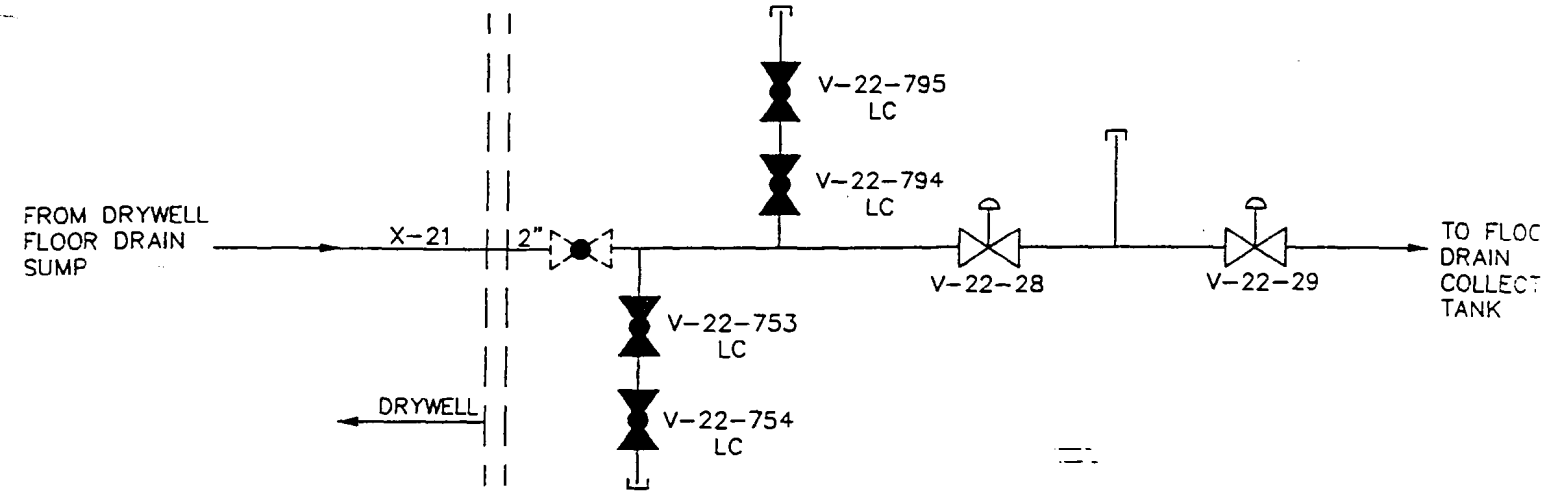
04/99

OYSTER CREEK

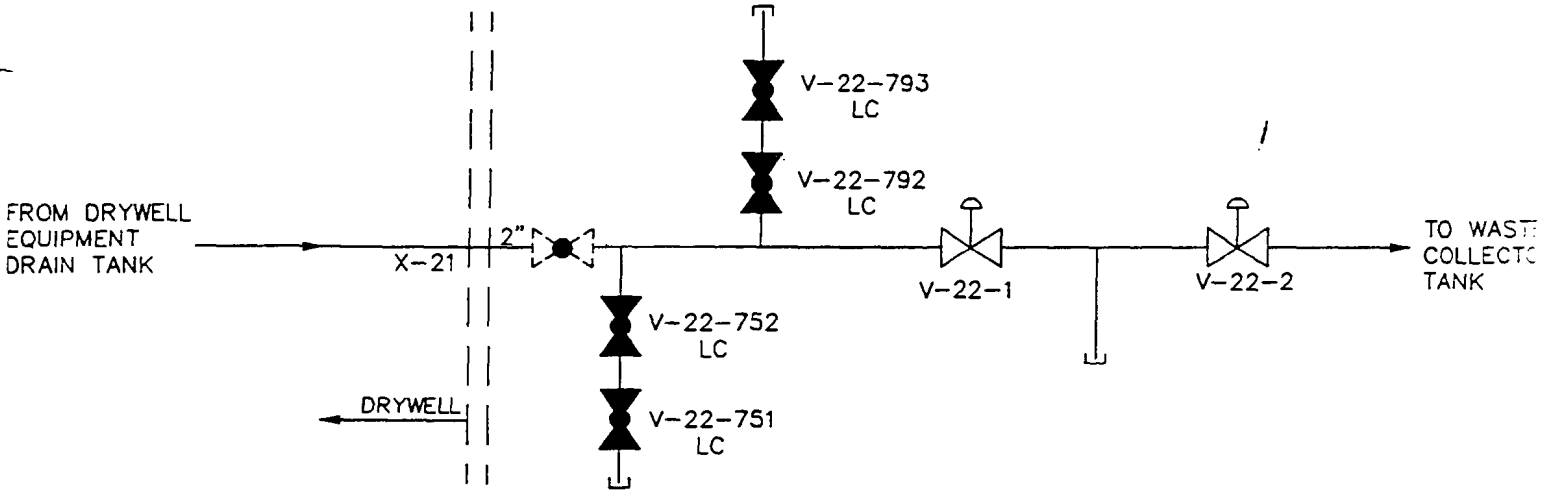
Containment Isolation Valves
Cleanup Demin/Steamline Drain

2002 SH2, 148F444

Fig. 6.2-48



DRYWELL SUMP DISCHARGE



DRYWELL EQUIPMENT DRAIN TANK DISCHARGE

GPU NUCLEAR

Update - 11

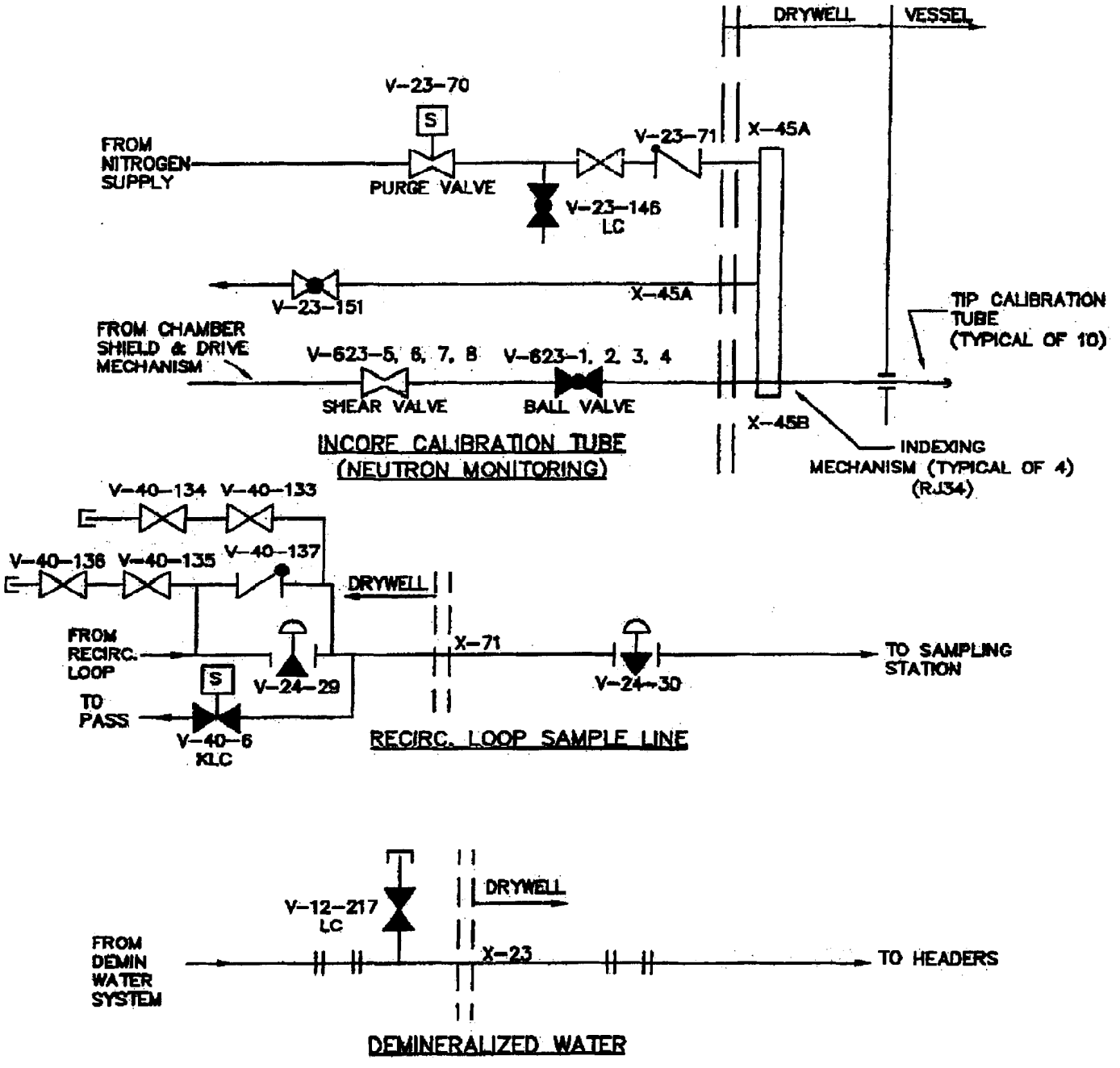
04/99

OYSTER CREEK

Containment Isolation Valves
DEDT/Drywell Sump

JC 147434

Fig. 6.2-49

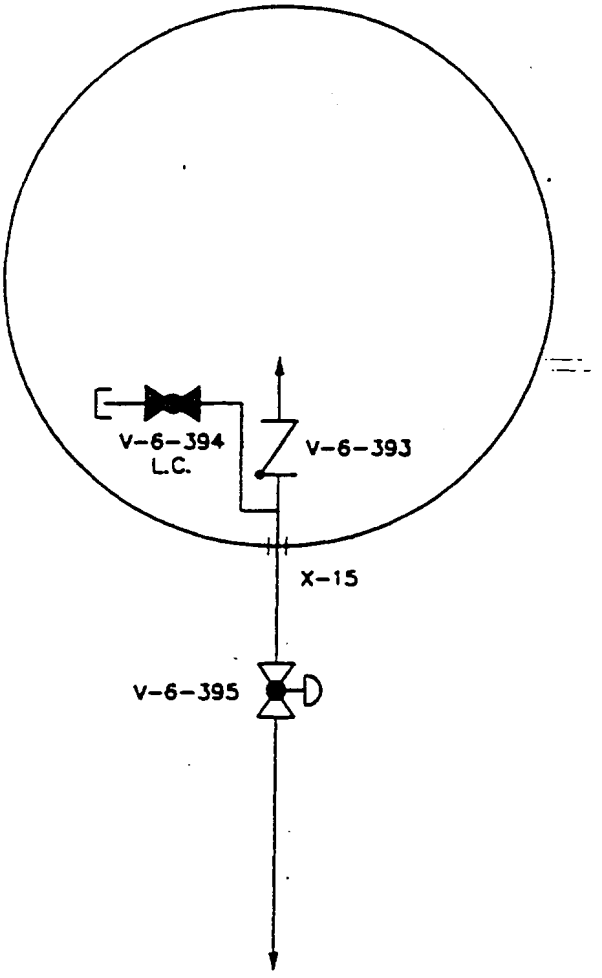


Rev. 13 04/03

OYSTER CREEK NUCLEAR GENERATING STATION

Containment Isolation Valves
Neutron Monitoring/Recirc Loop Sample/Demin. Water

FIGURE 6.2-50



GPU NUCLEAR

Update - 11

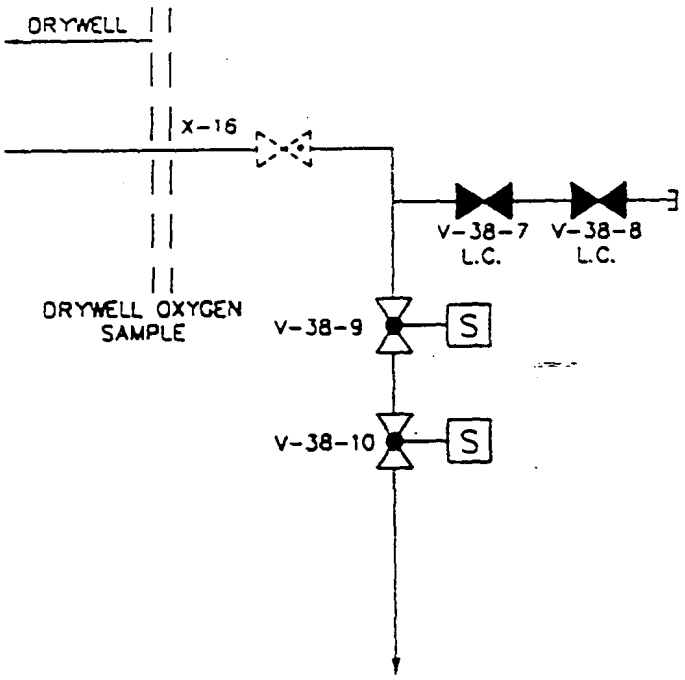
04/99

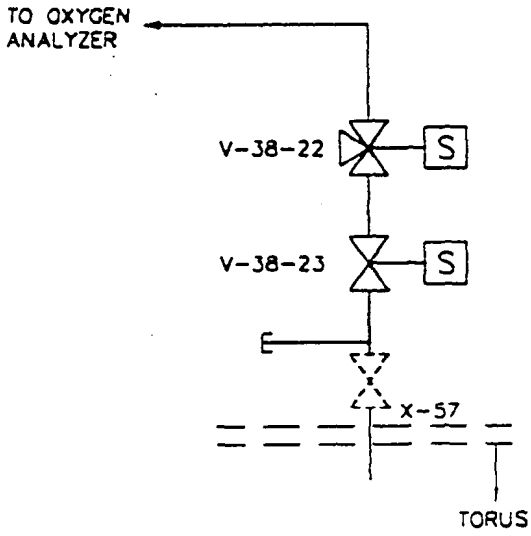
OYSTER CREEK

Containment Isolation Valves
Instrument Air

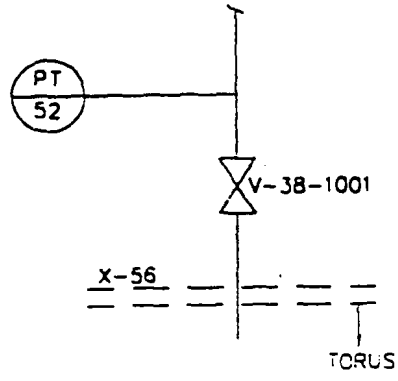
2013 SH 6

Fig. 6.2-51





TORUS OXYGEN SAMPLE



TORUS PRESSURE

GPU NUCLEAR

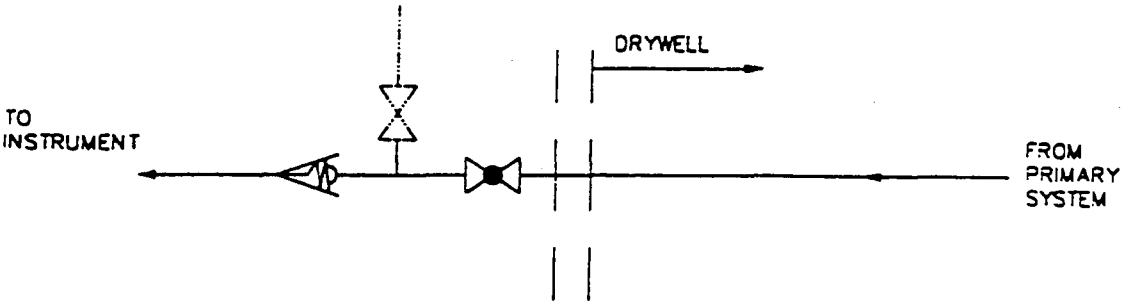
Update - 11
04/99

OYSTER CREEK

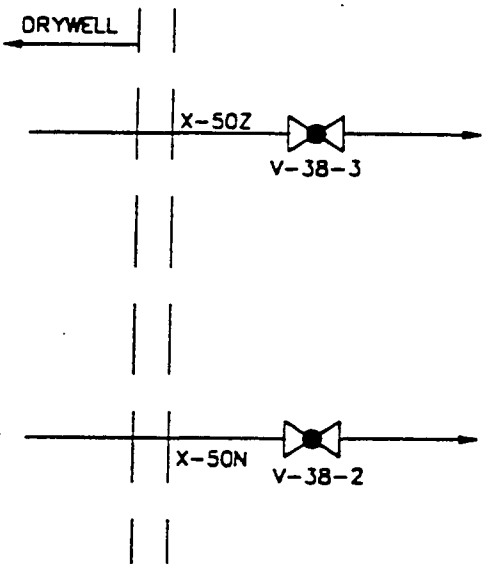
Containment Isolation Valves
LPM/Torus O2 & Pressure

3E-666-21-1000, 112C2827,
M0012, 3E-243-21-1000

Fig. 5.2-52



TYPICAL INSTRUMENT LINE



DRYWELL PRESSURE

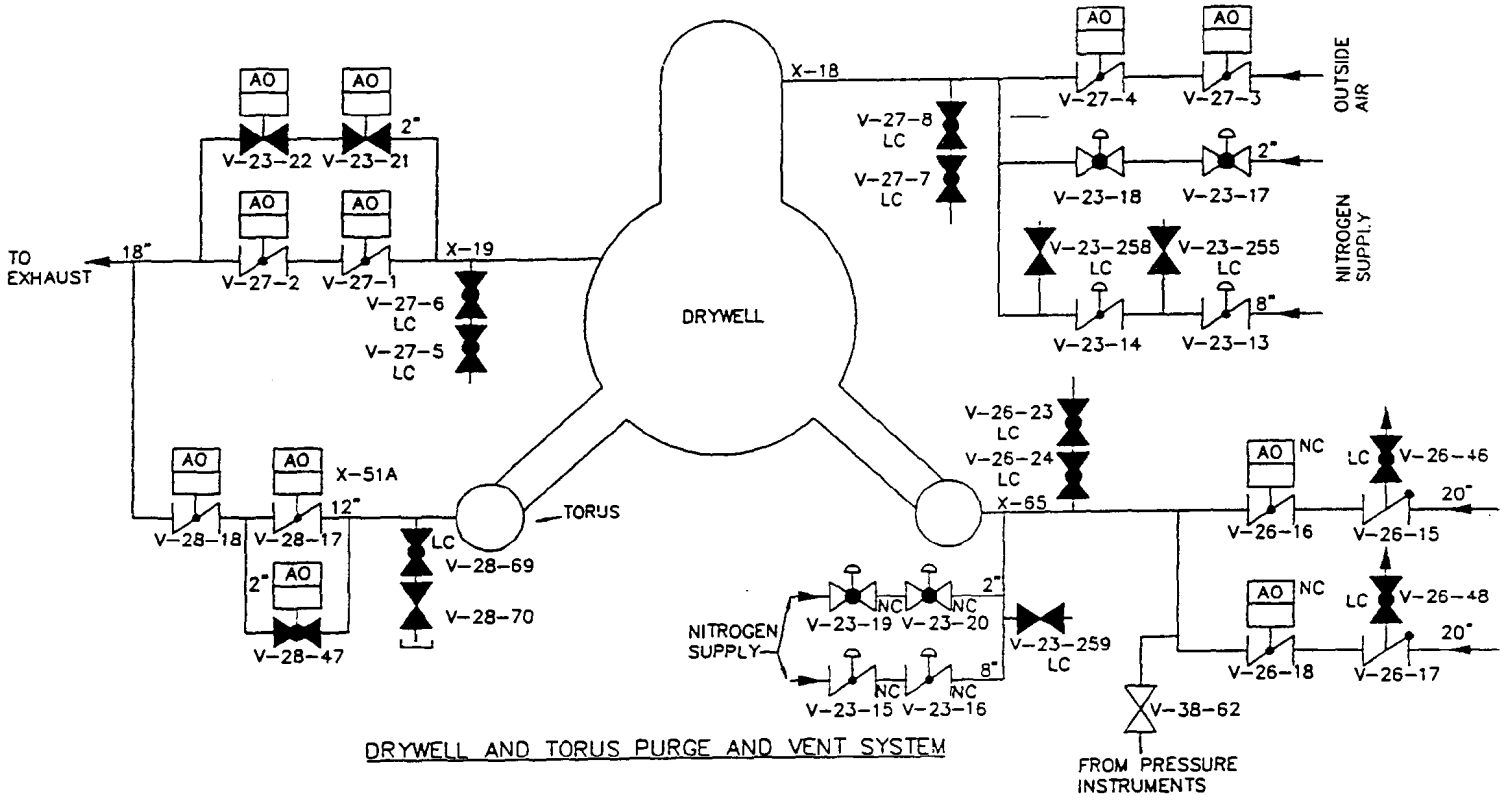
GPU NUCLEAR

Update - 11
04/99

OYSTER CREEK
Containment Isolation Valves
Instrument Line/Drywell Pressure

237E726, 112C2827

Fig. 5.2-53



DRYWELL AND TORUS PURGE AND VENT SYSTEM

GPU NUCLEAR

Update – 11

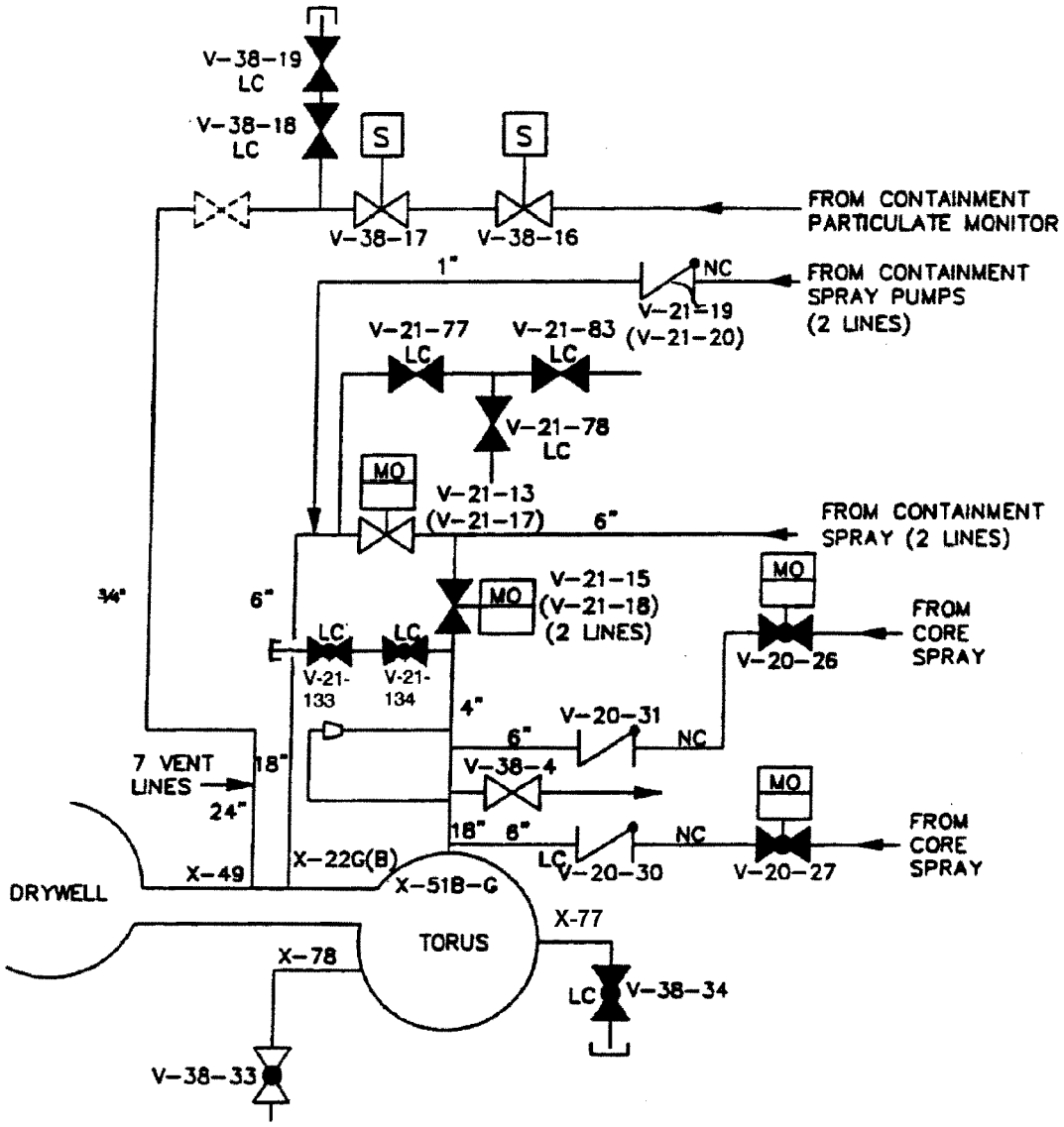
04/99

OYSTER CREEK

Containment Isolation Valves
Drywell/Torus Purge & Vent

3E-243-21-1000.
SN 13432.19-1, BR 2011

Fig. 6.2-54



ASSOCIATED PIPING, VENT PIPES BETWEEN DRYWELL AND TORUS

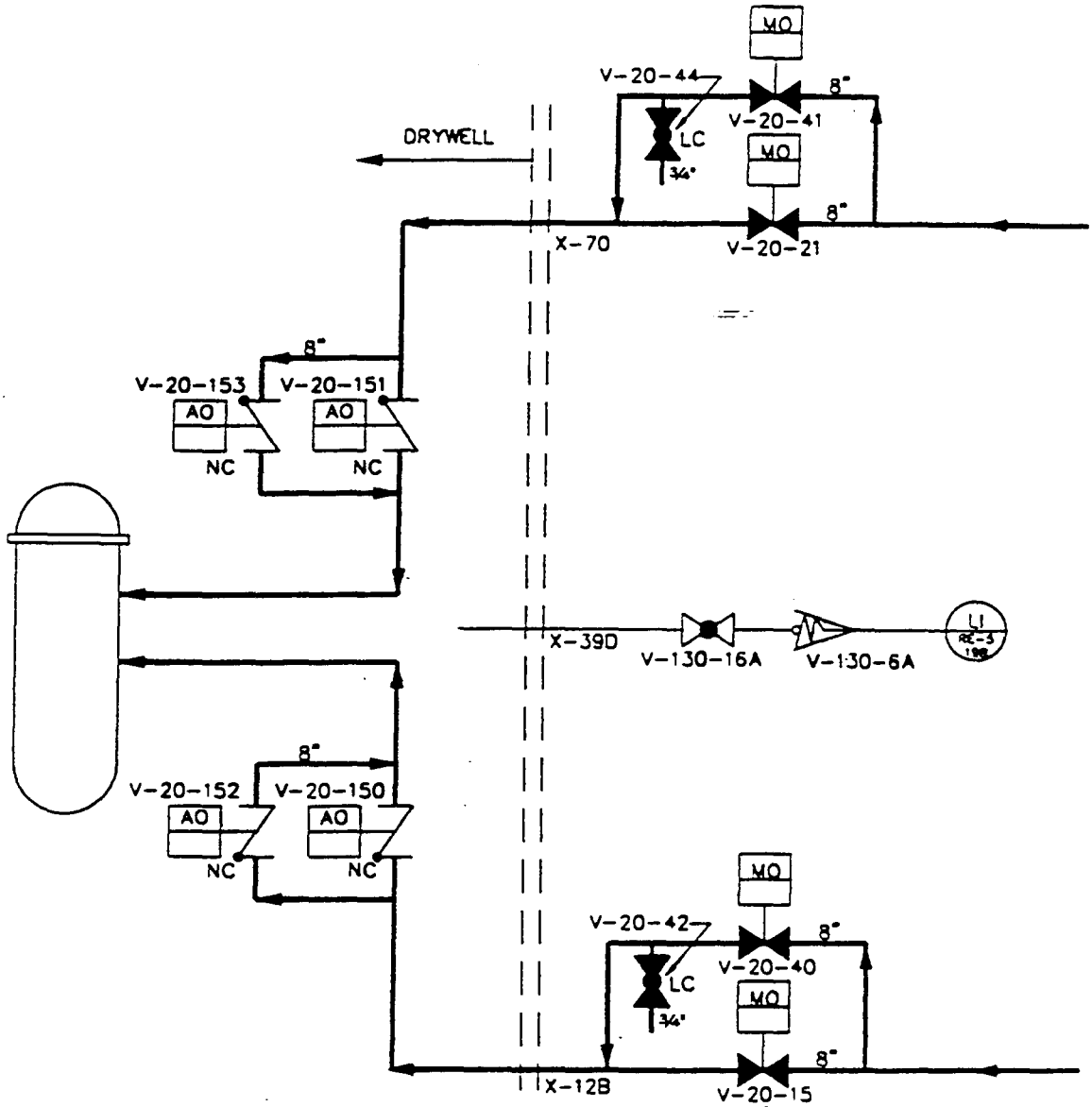
FIGURE 6.2-55

Rev. 16, OCTOBER 2009

OYSTER CREEK NUCLEAR GENERATING STATION

Containment Isolation Valves
Drywell Torus Piping

FIGURE 6.2-55



CORE SPRAY SYSTEM

GPU NUCLEAR

Update - 11

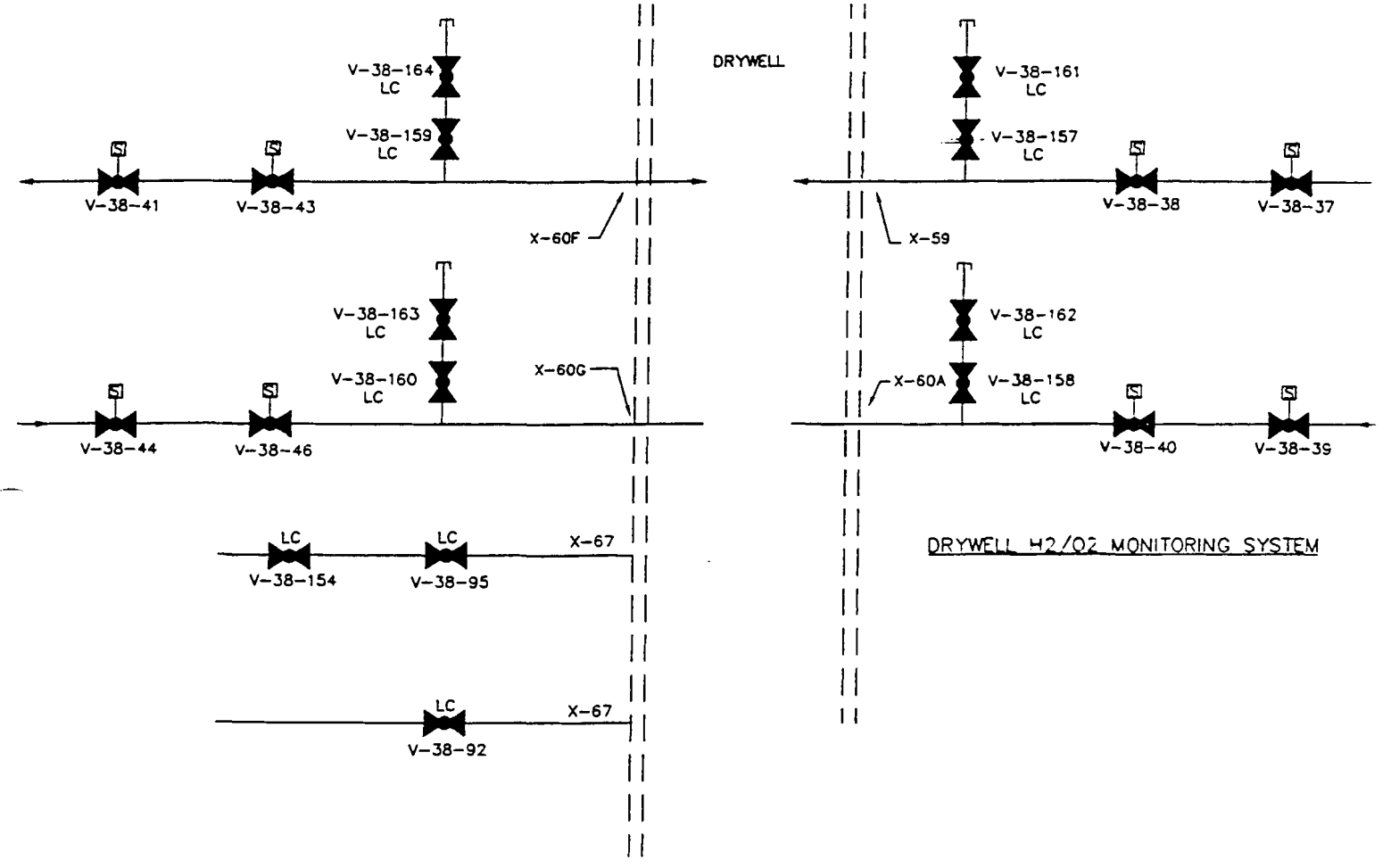
04/99

OYSTER CREEK

Containment Isolation Valves
Core Spray

148F712, 8850781, M0012

Fig. 6.2-56



DRYWELL H2/O2 MONITORING SYSTEM

GPU NUCLEAR

Update - 11

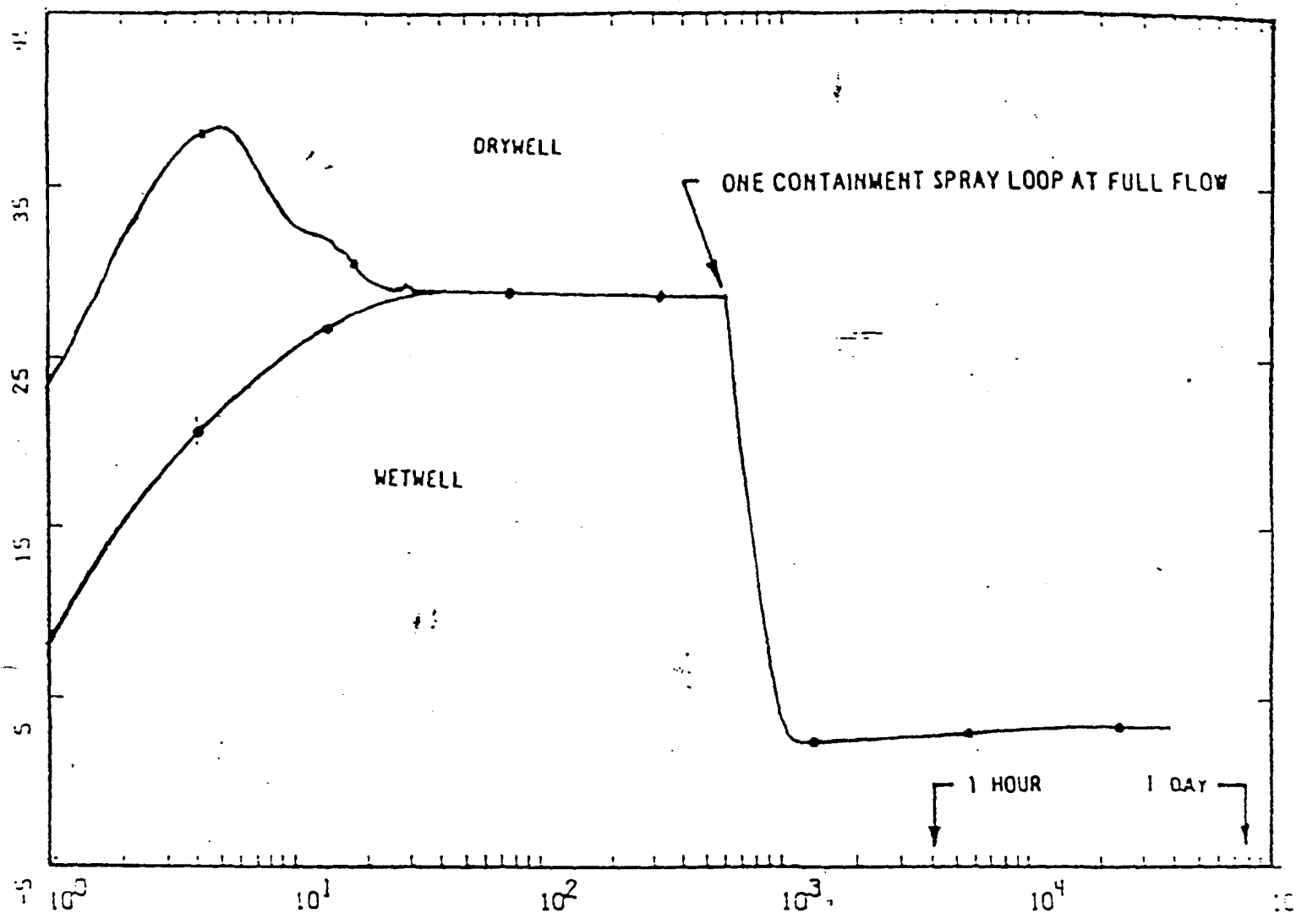
04/99

OYSTER CREEK

Containment Isolation Valves
H2/O2 Monitoring

3E-666-21-1000

Fig. 6.2-57

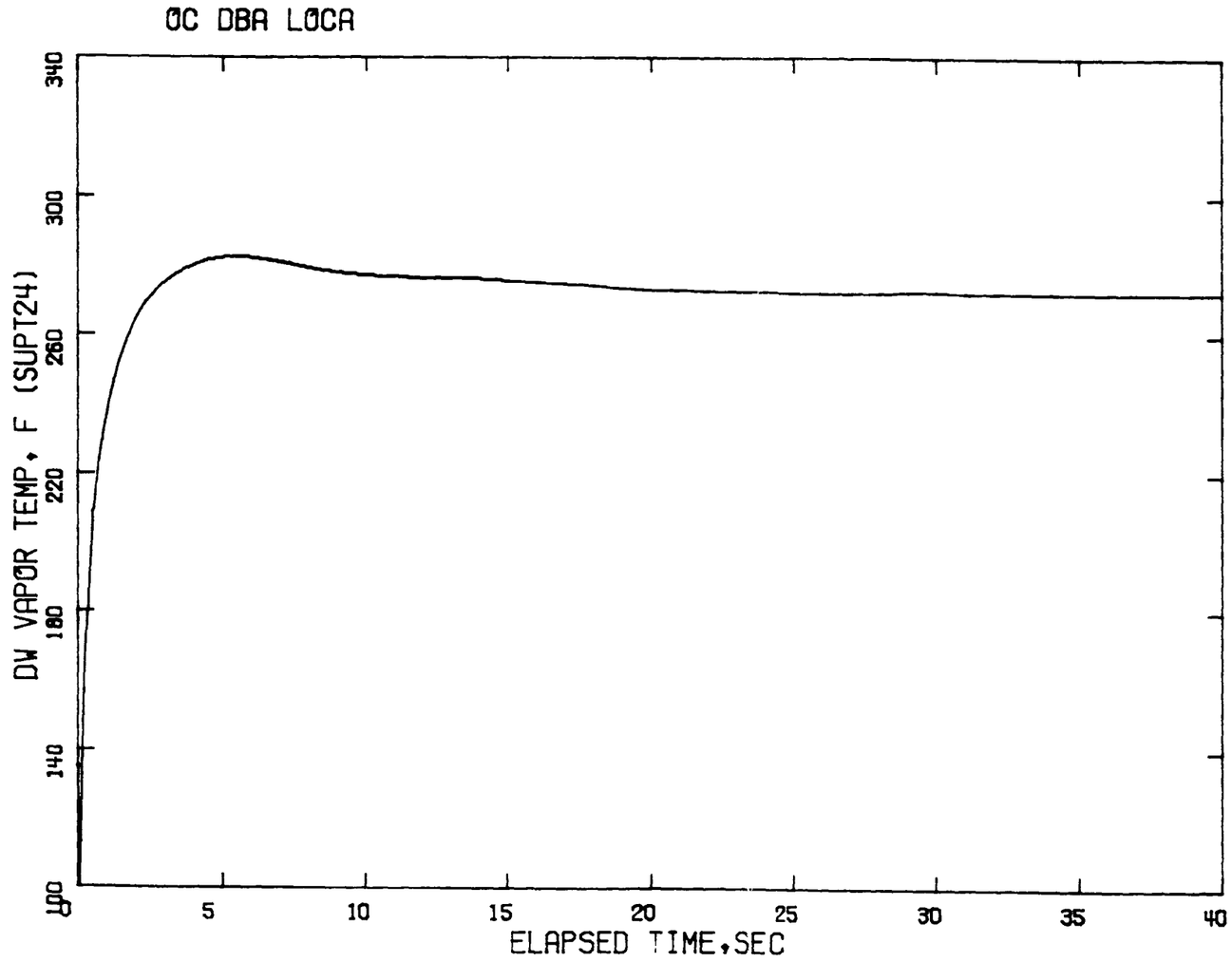


UPDATE - 11
04/99

GPU NUCLEAR

Primary Containment Pressure Following
Recirculation LineBreak

FIG. 6.2-58

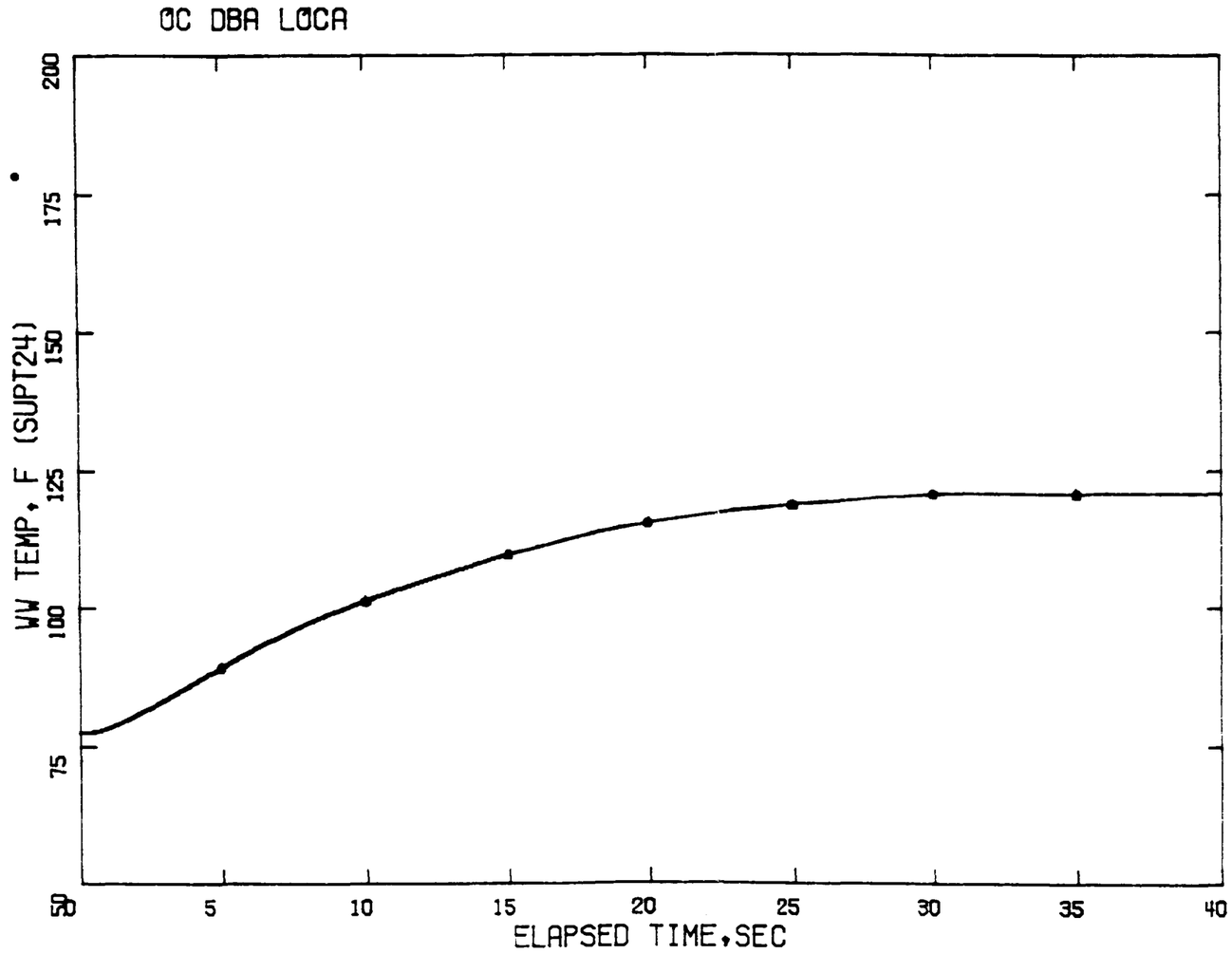


GPU Nuclear
Oyster Creek

Update - 7
12/92

Contempt Result DW Vapor
Temp. Relap5 Base Case Blowdown

Fig. 6.2-59



GPU Nuclear
Oyster Creek

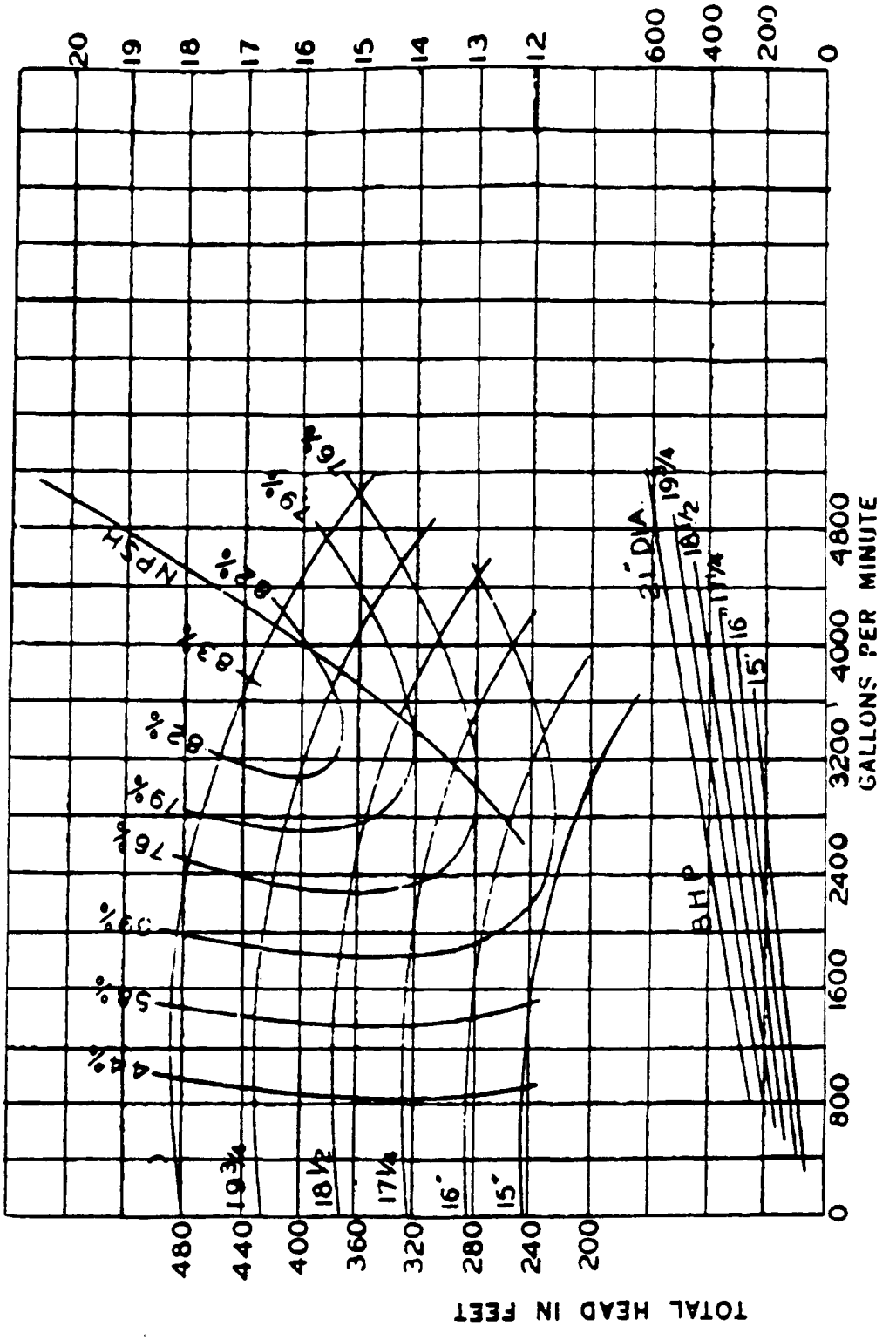
Update - 7
12/92

Contempt Result WW Vapor and Pool Temp. Relap5 Base Case Blowdown

Fig. 6.2-60

Figures 6.3-1 through 6.3-3

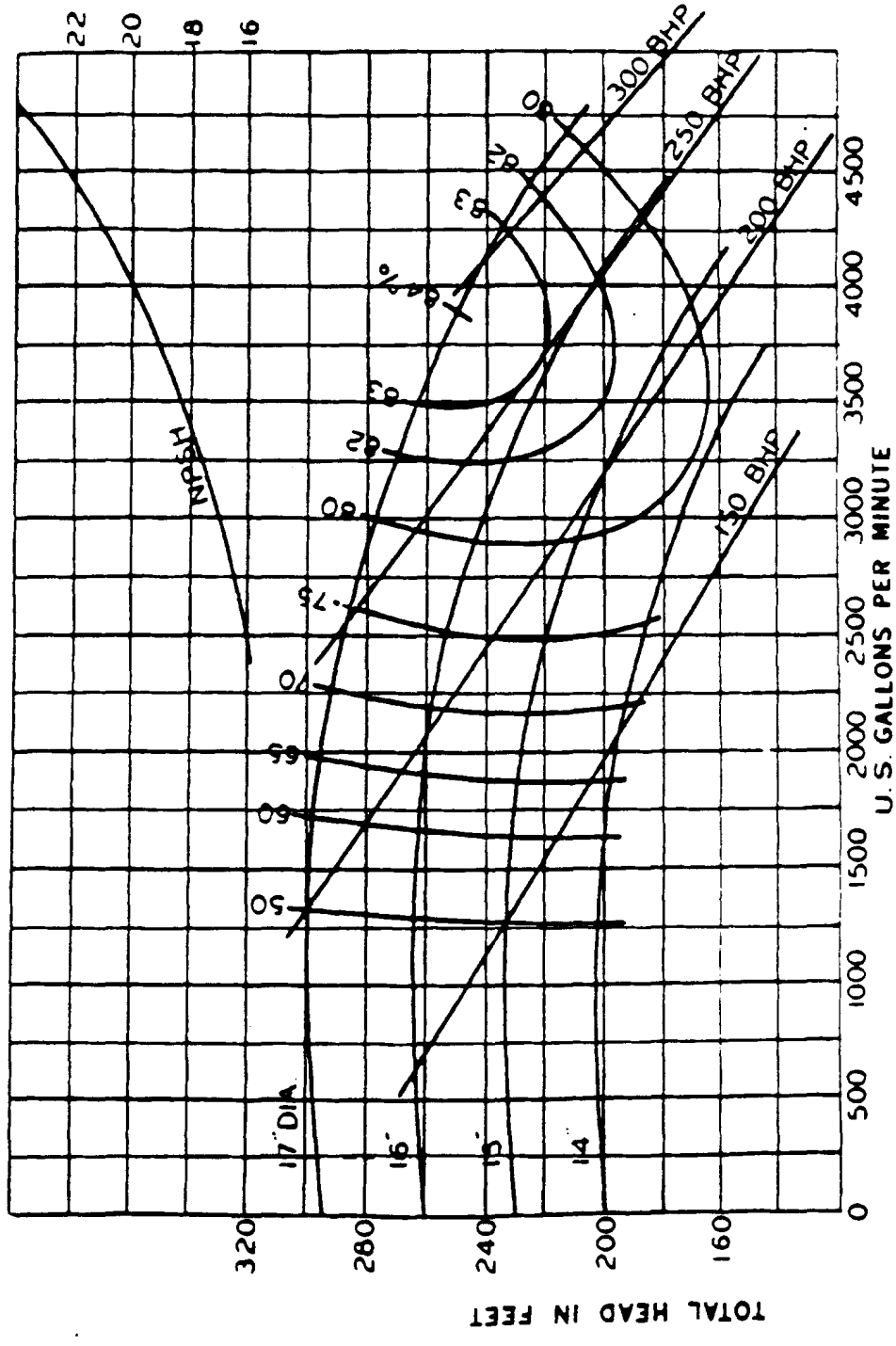
Deleted



GPU Nuclear	Update - 5
Oyster Creek	12/90

Core Spray Main Pumps Characteristic Curve

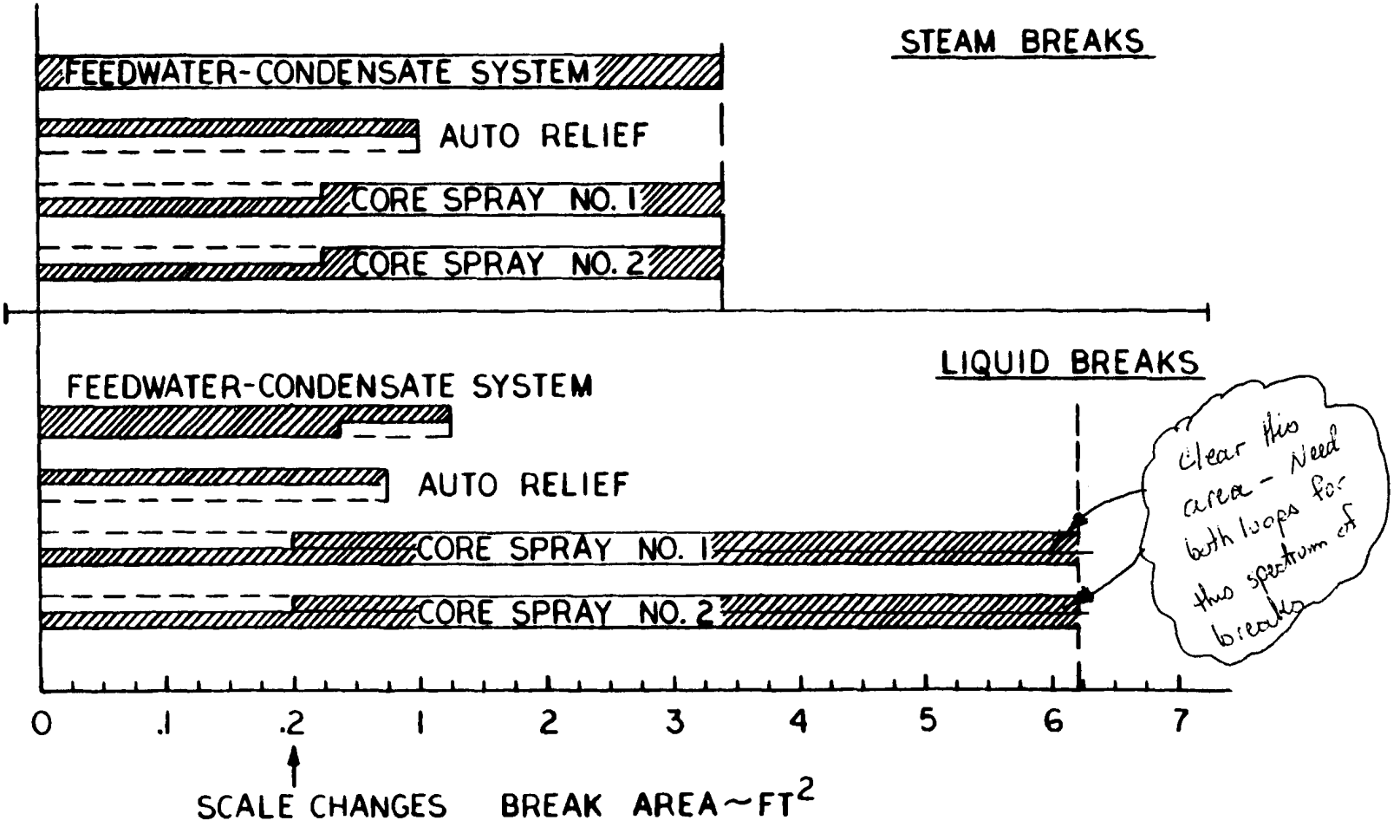
Fig. 6.3-4



GPU Nuclear	Update - 5
Oyster Creek	12/90

Core Spray Booster Pumps Characteristic Curve

Fig. 6.3-5



GPU Nuclear
Oyster Creek
Update - 5
12/90

Emergency Core Cooling Systems
Performance Capability Chart

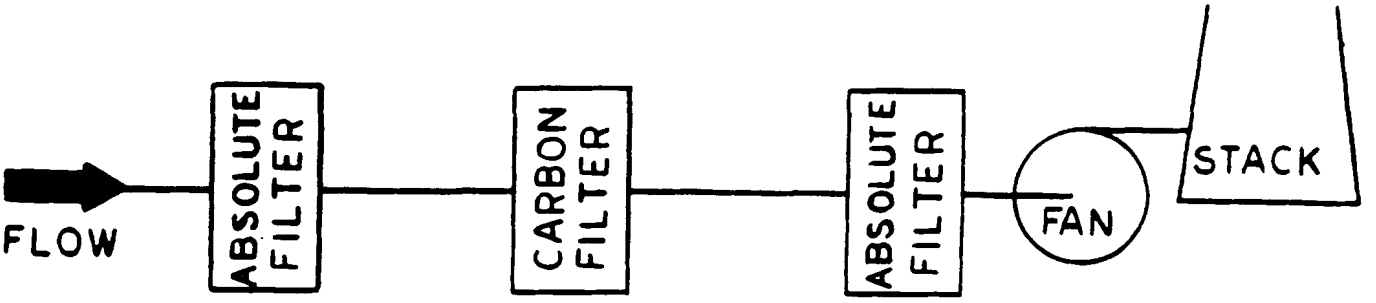
Fig. 6.3-6

Figures 6.4-1 through 6.4-2

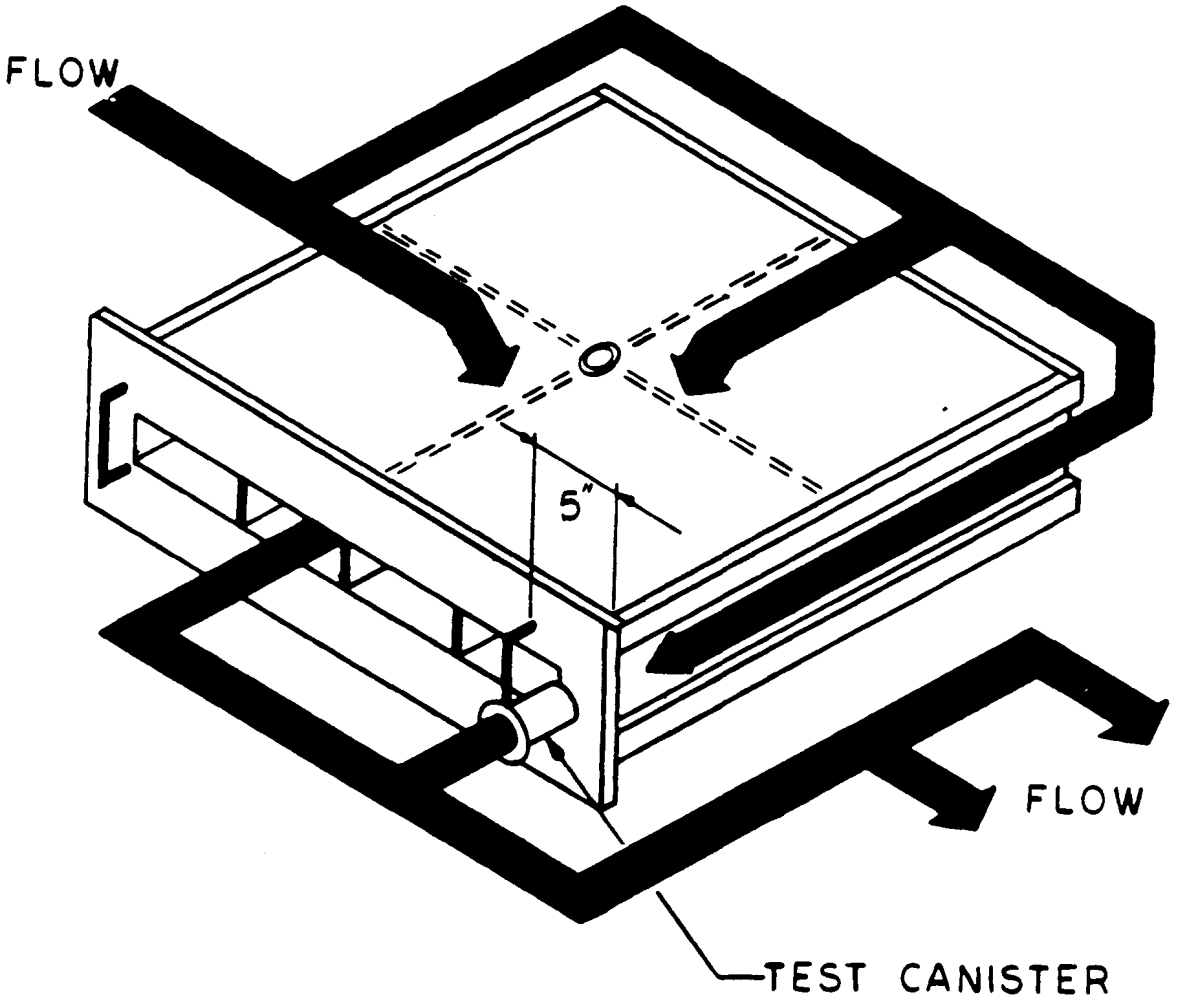
Deleted

Figures 6.5-1A through 6.5-1B

Deleted



SGTS FLOW PATH

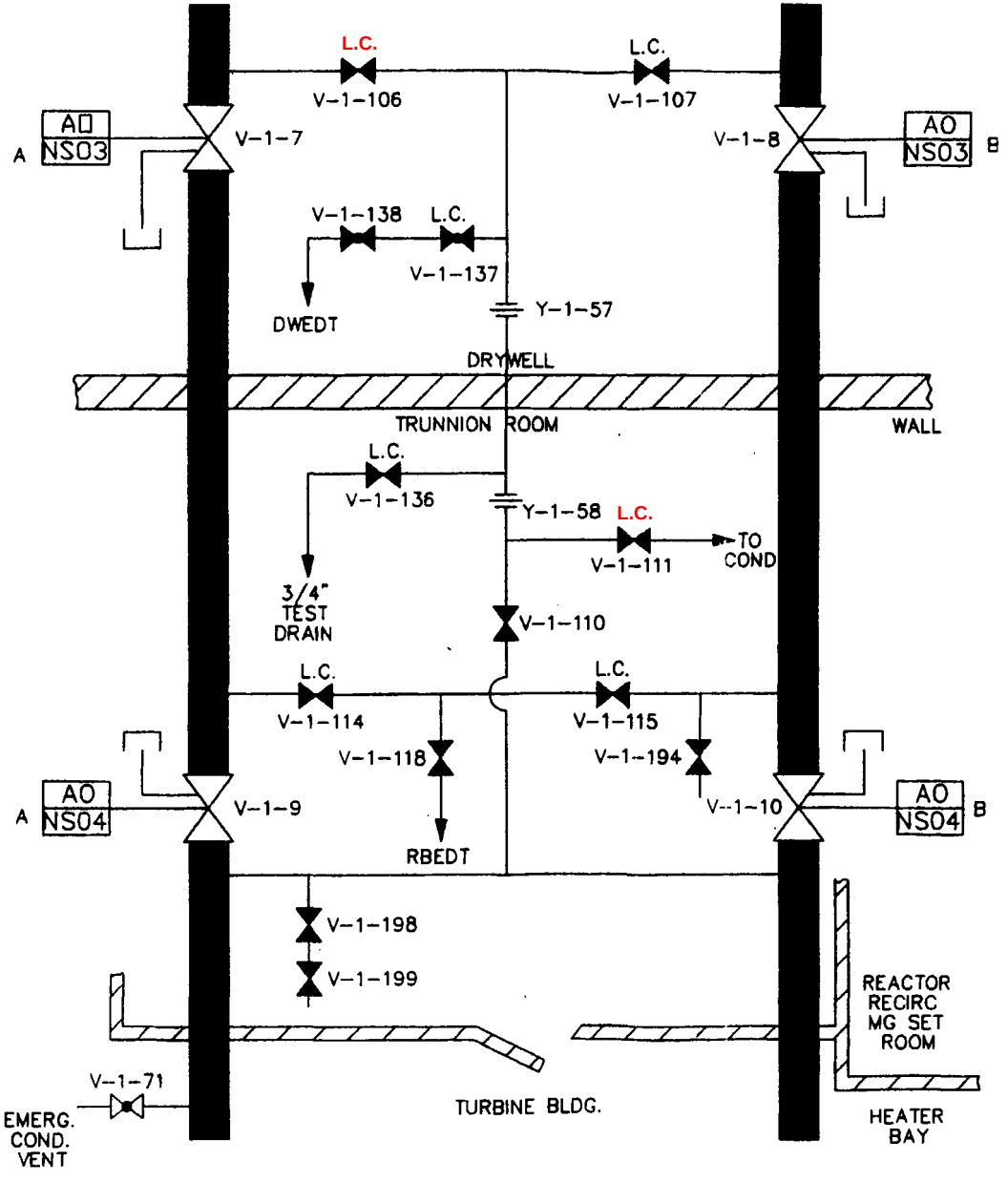


GPU Nuclear | Update - 5

Oyster Creek | 12/90

Charcoal Tray & Test Cannister Flow (SGTS)

Fig. 6.5-2



Rev. 18 10/13

OYSTER CREEK NUCLEAR GENERATING STATION

Main Steam Isolation Valve Arrangement Schematic

FIGURE 6.7-1