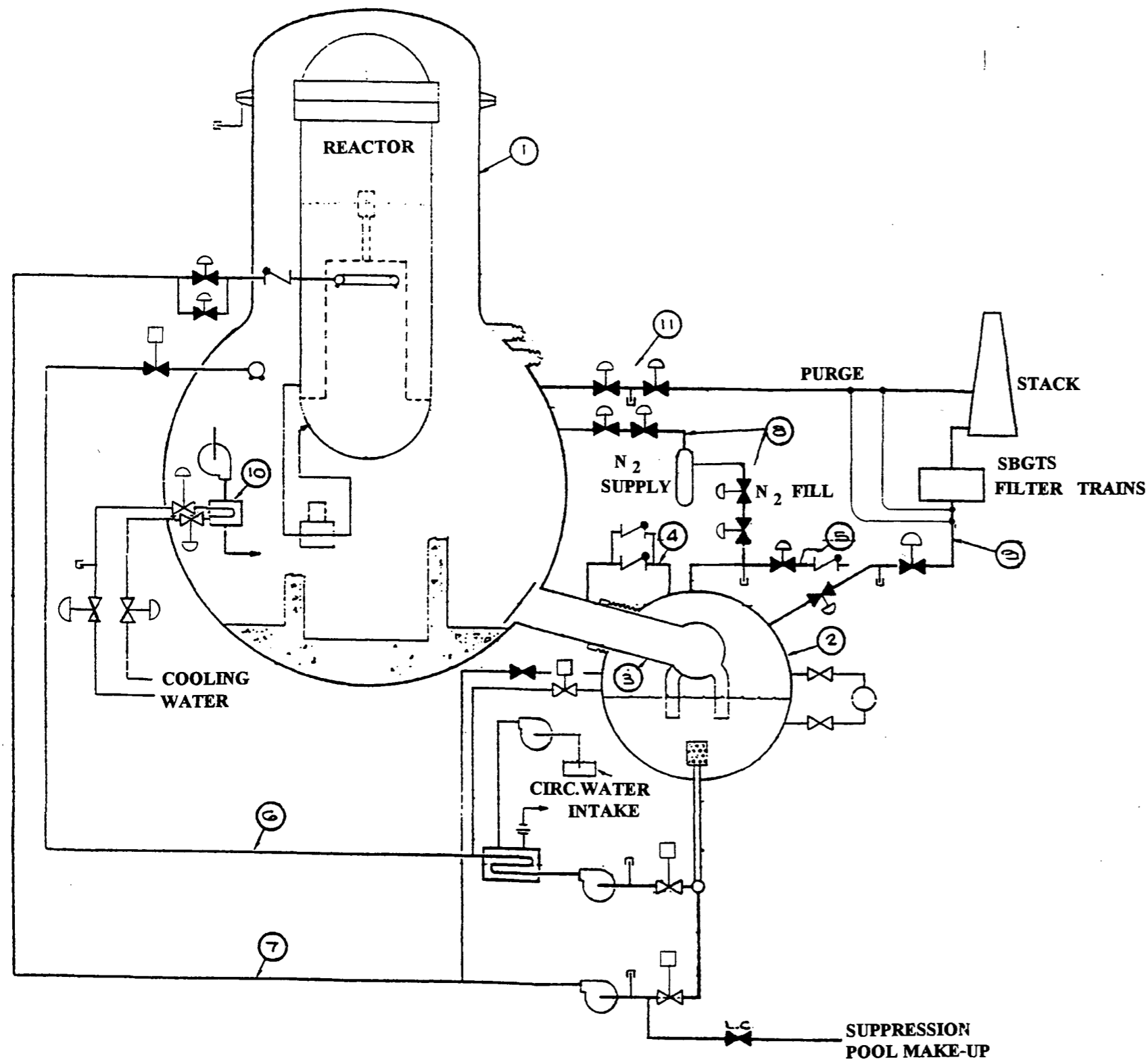


OCNGS UFSAR

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

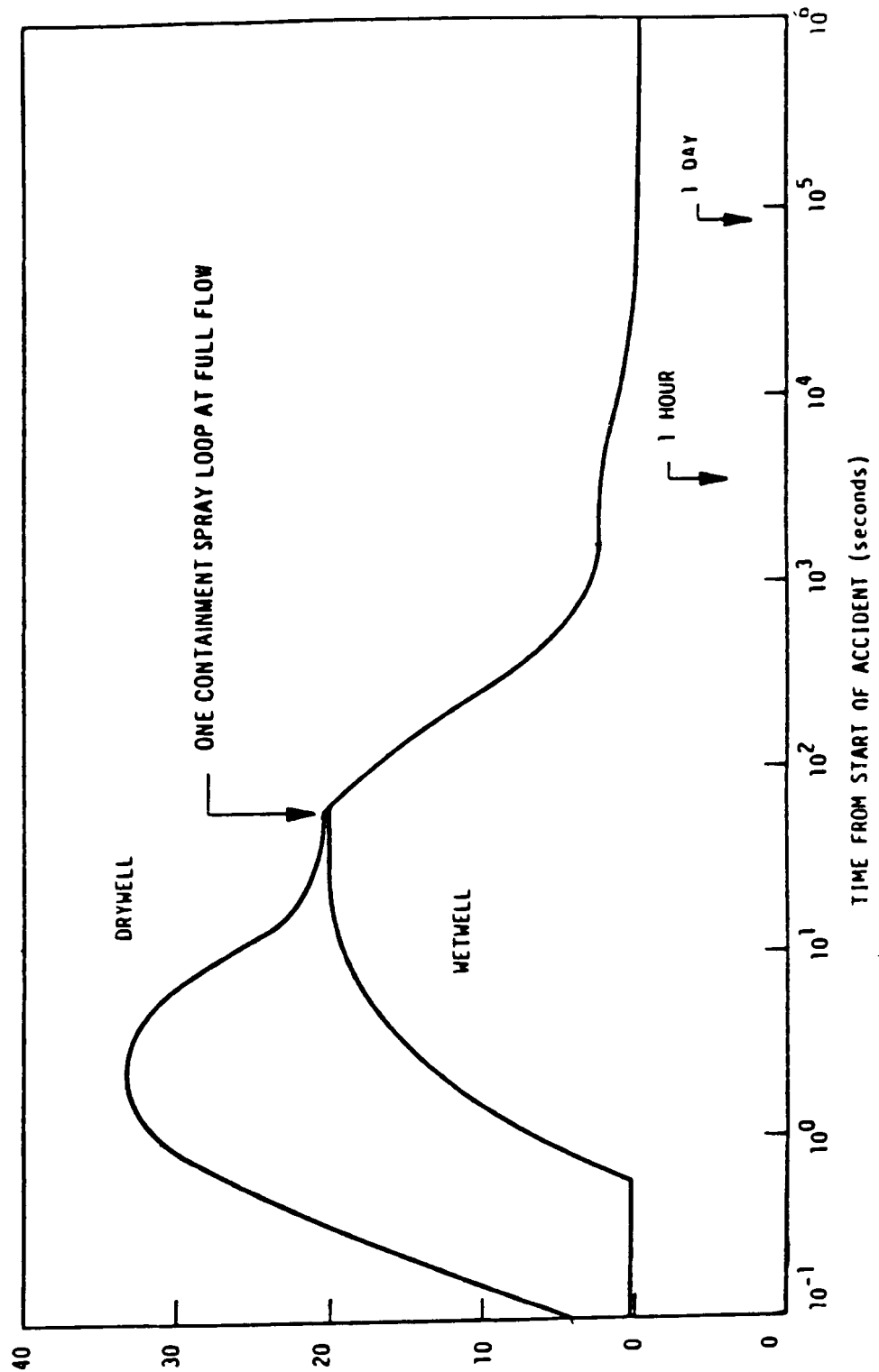
Update - 10

Oyster Creek

04/97

Primary Containment System Diagram

Fig. 6.2-2



GPU Nuclear

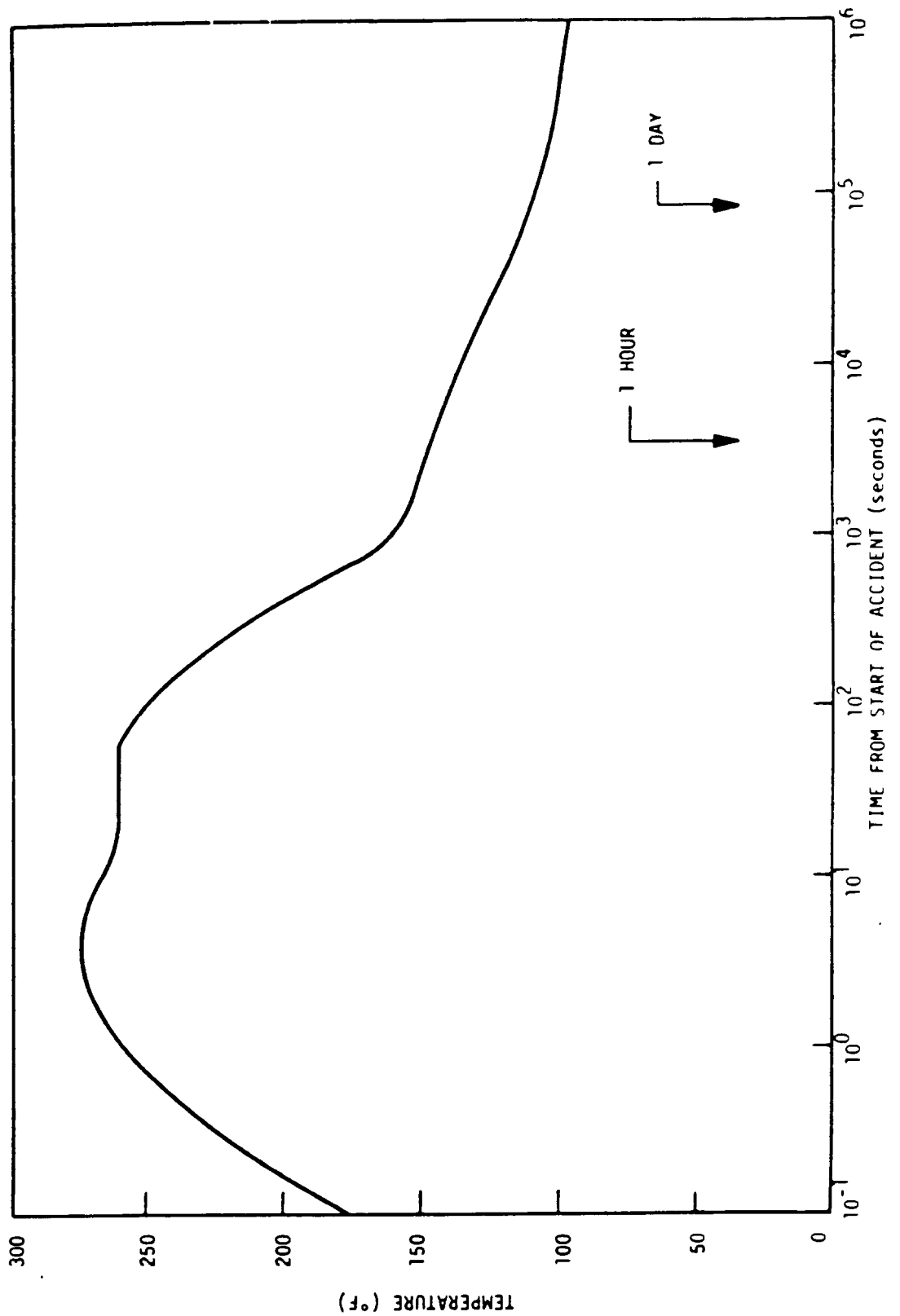
Oyster Creek

**Primary Containment Pressure Following
Recirculation Line Break**

Update - 5

12/90

Fig. 6.2-3



GPU Nuclear

Update - 5

Oyster Creek

12/90

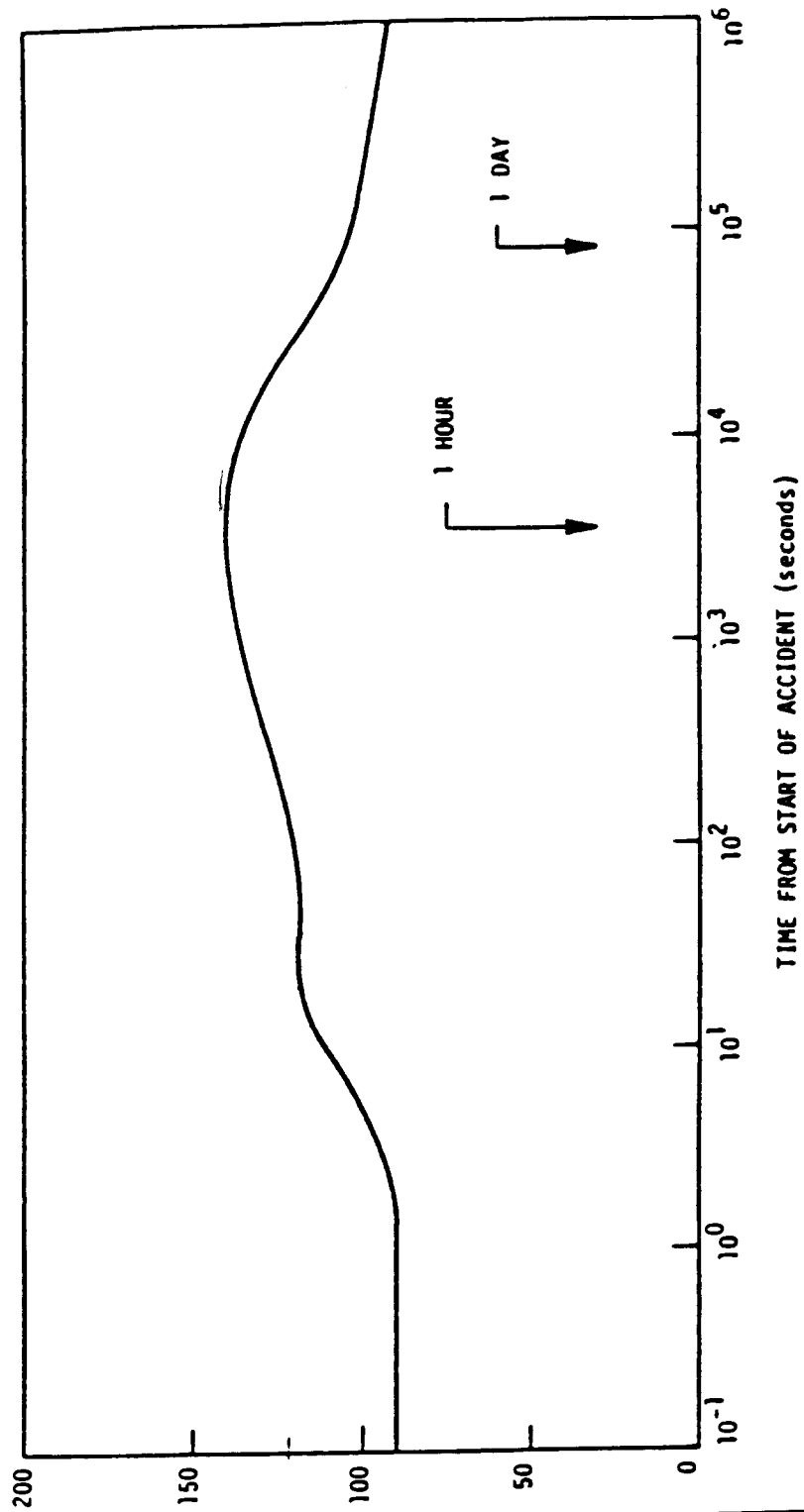
**Drywell Temperature Response Following
Recirculation Line Break**

Fig. 6.2-4A

OCNGS UFSAR

Figure 6.2-4B

Deleted



GPU Nuclear

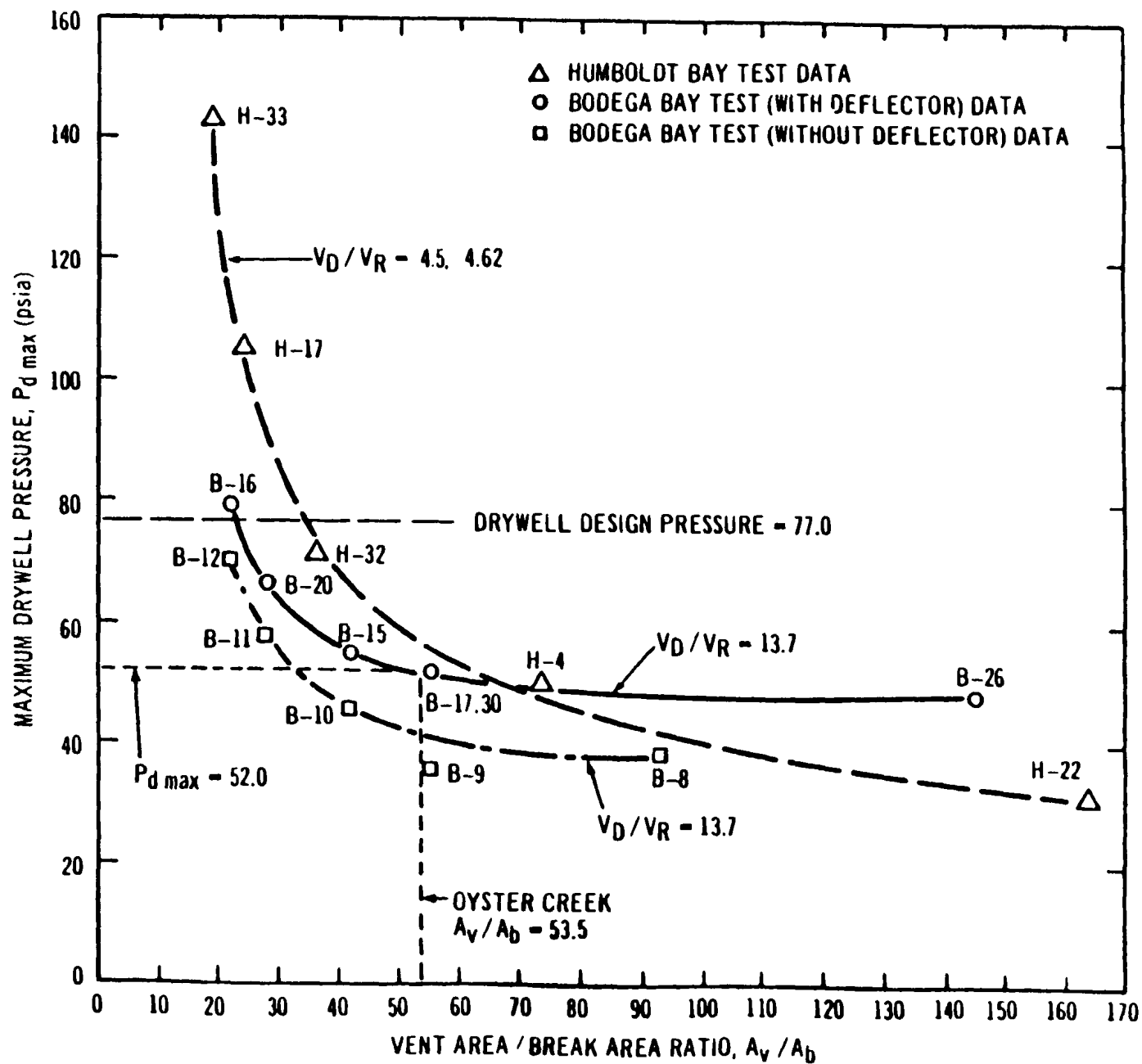
Oyster Creek

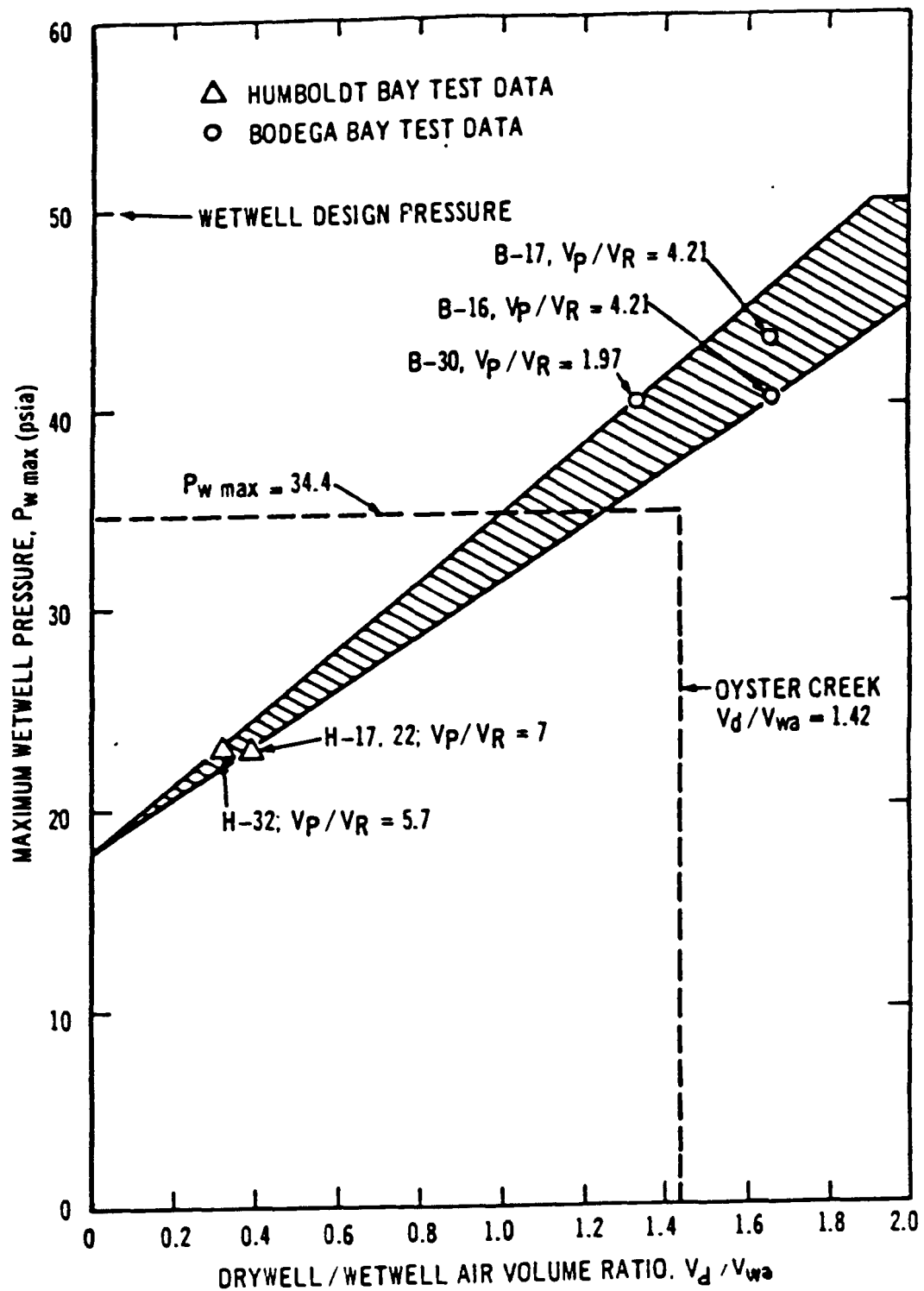
**Torus Temperature Response Following
Recirculation Line Break**

Update - 5

12/90

Fig. 6.2-5





GPU Nuclear

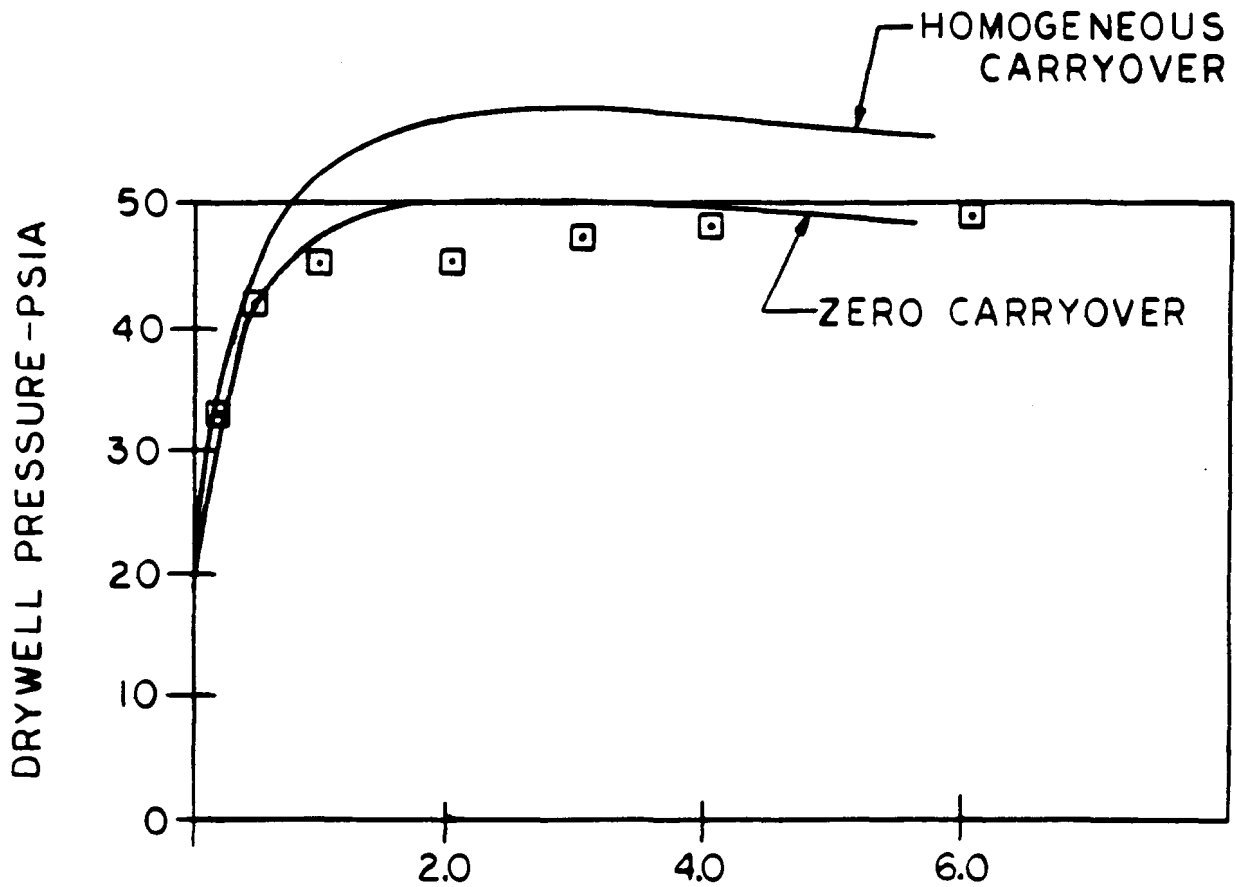
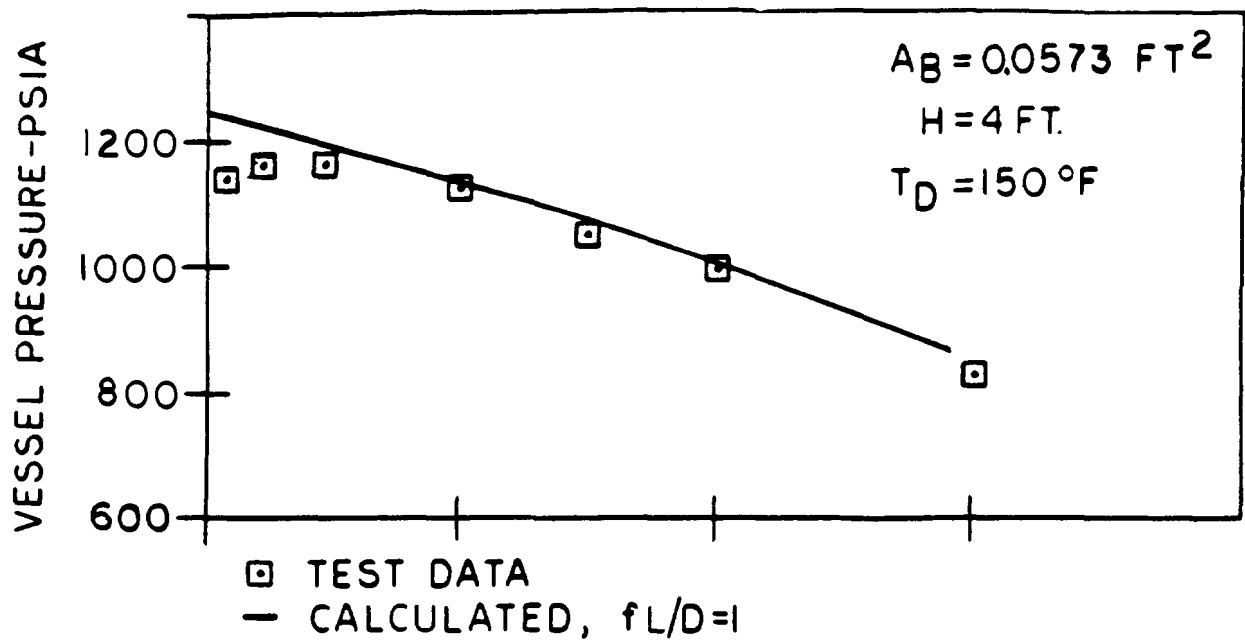
Update - 5

Oyster Creek

12/90

Maximum Wetwell Pressure Data
Correlation — Blowdown From 1250 psia

Fig. 6.2-7



GPU Nuclear

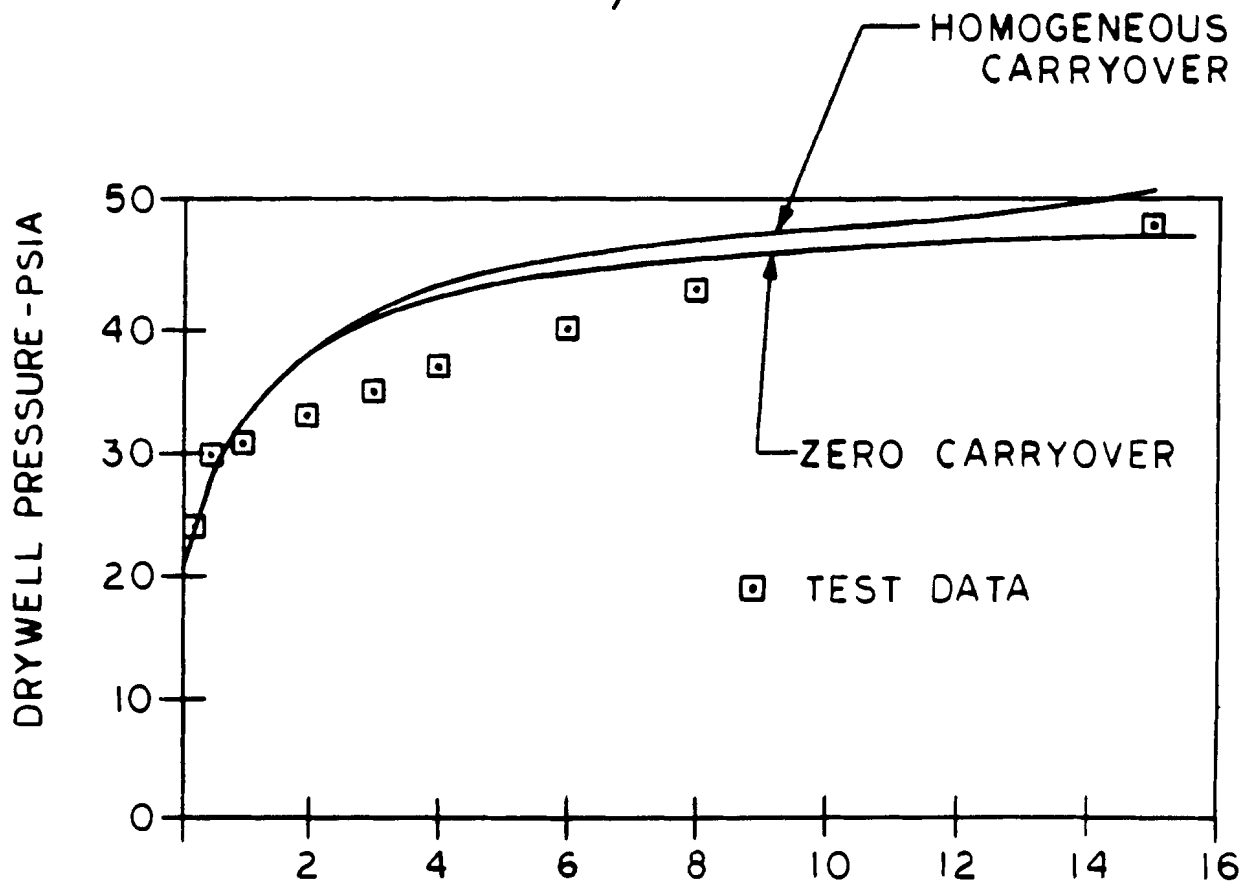
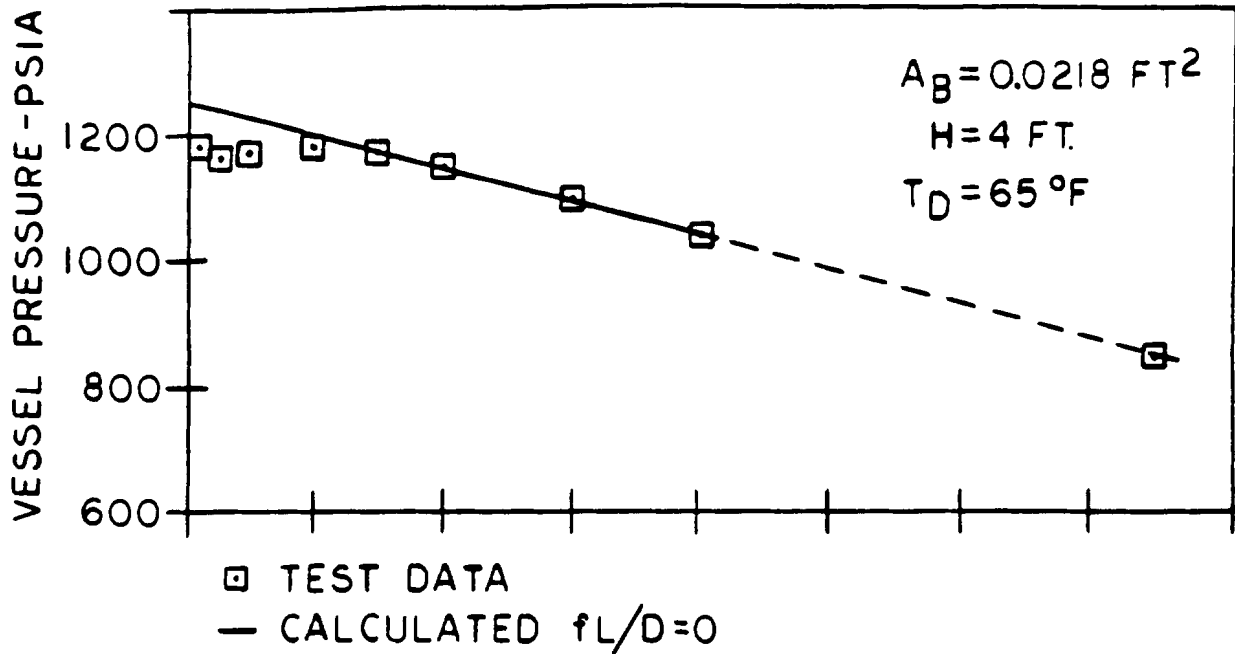
Oyster Creek

Bodega Test No. 24

Update - 5

12/90

Fig. 6.2-8



GPU Nuclear

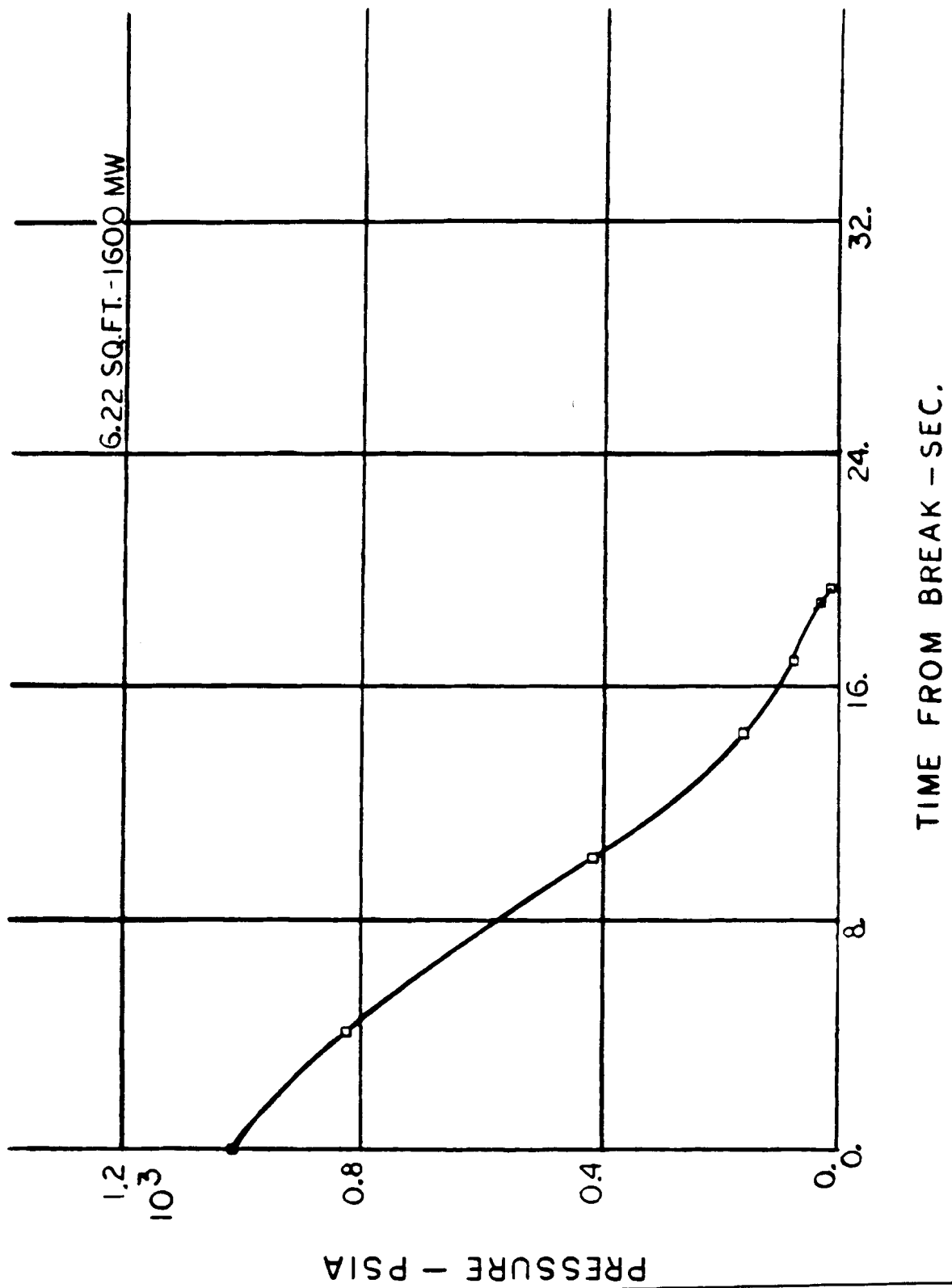
Oyster Creek

Bodega Test No. 26

Update - 5

12/90

Fig. 6.2-9



GPU Nuclear

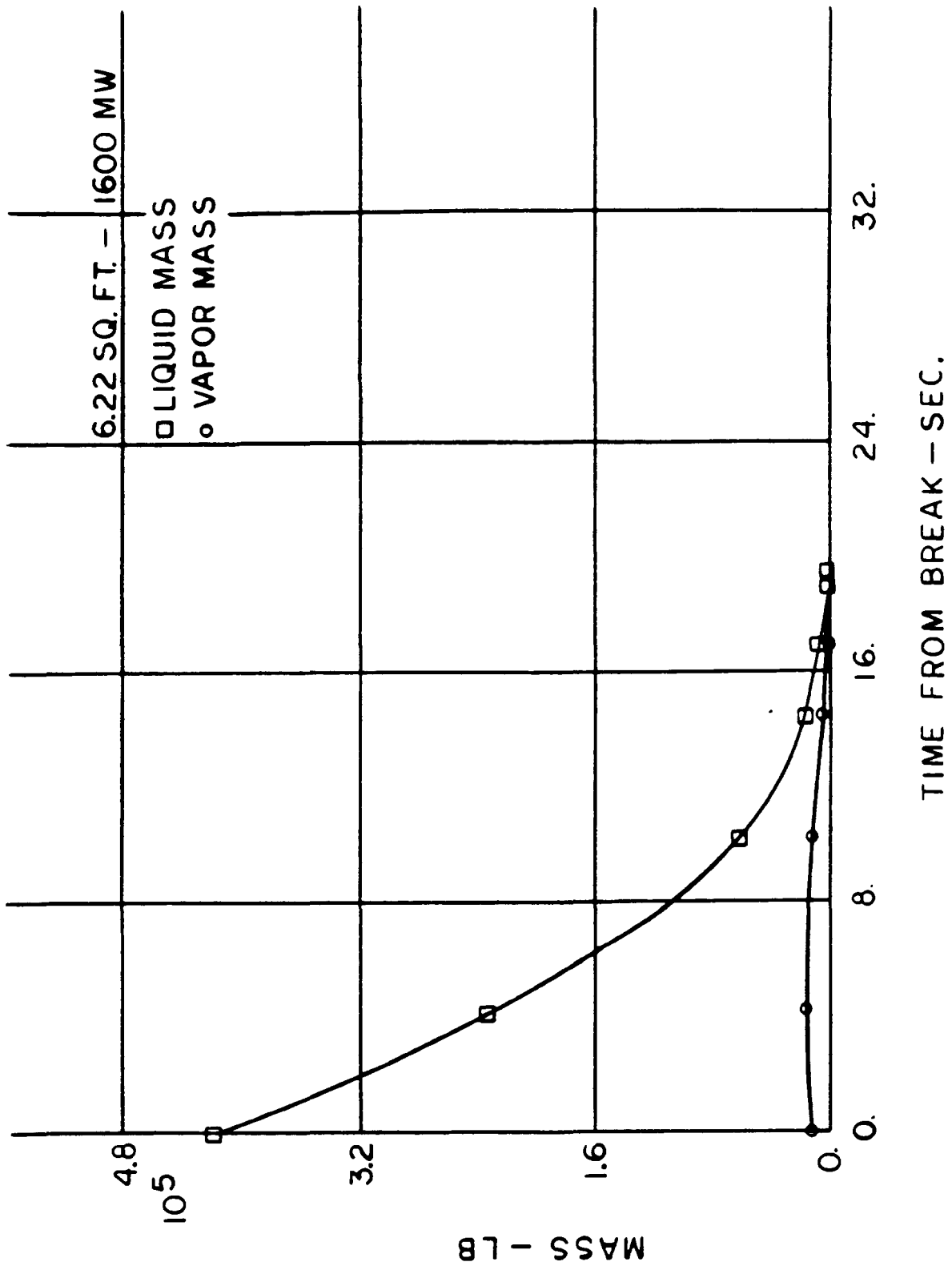
Update - 5

Oyster Creek

12/90

Reactor Vessel Pressure Following
Recirculation Line Break

Fig. 6.2-10



GPU Nuclear

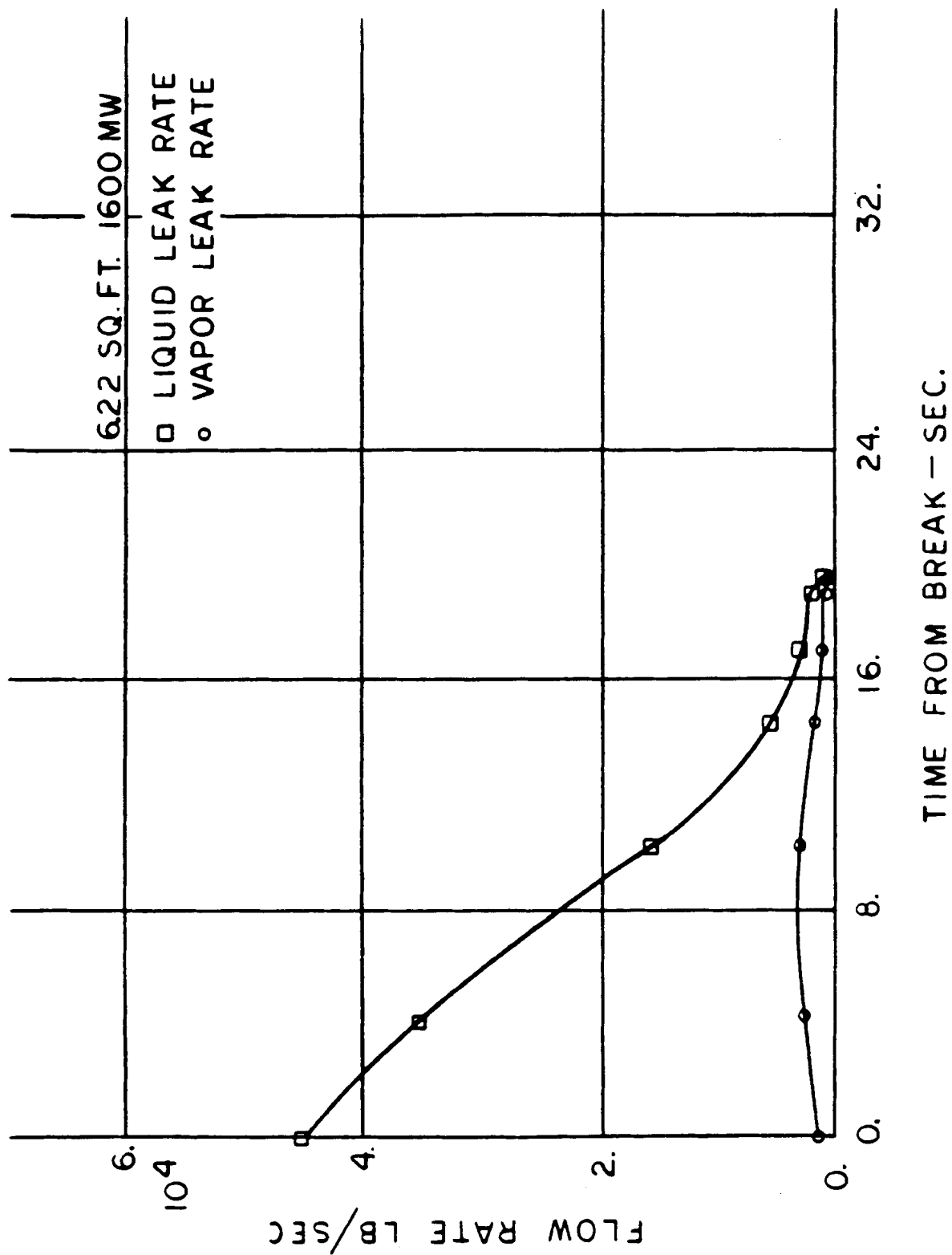
Update - 5

Oyster Creek

12/90

Reactor Coolant Inventory Following
Recirculation Line Break

Fig. 6.2-11



GPU Nuclear

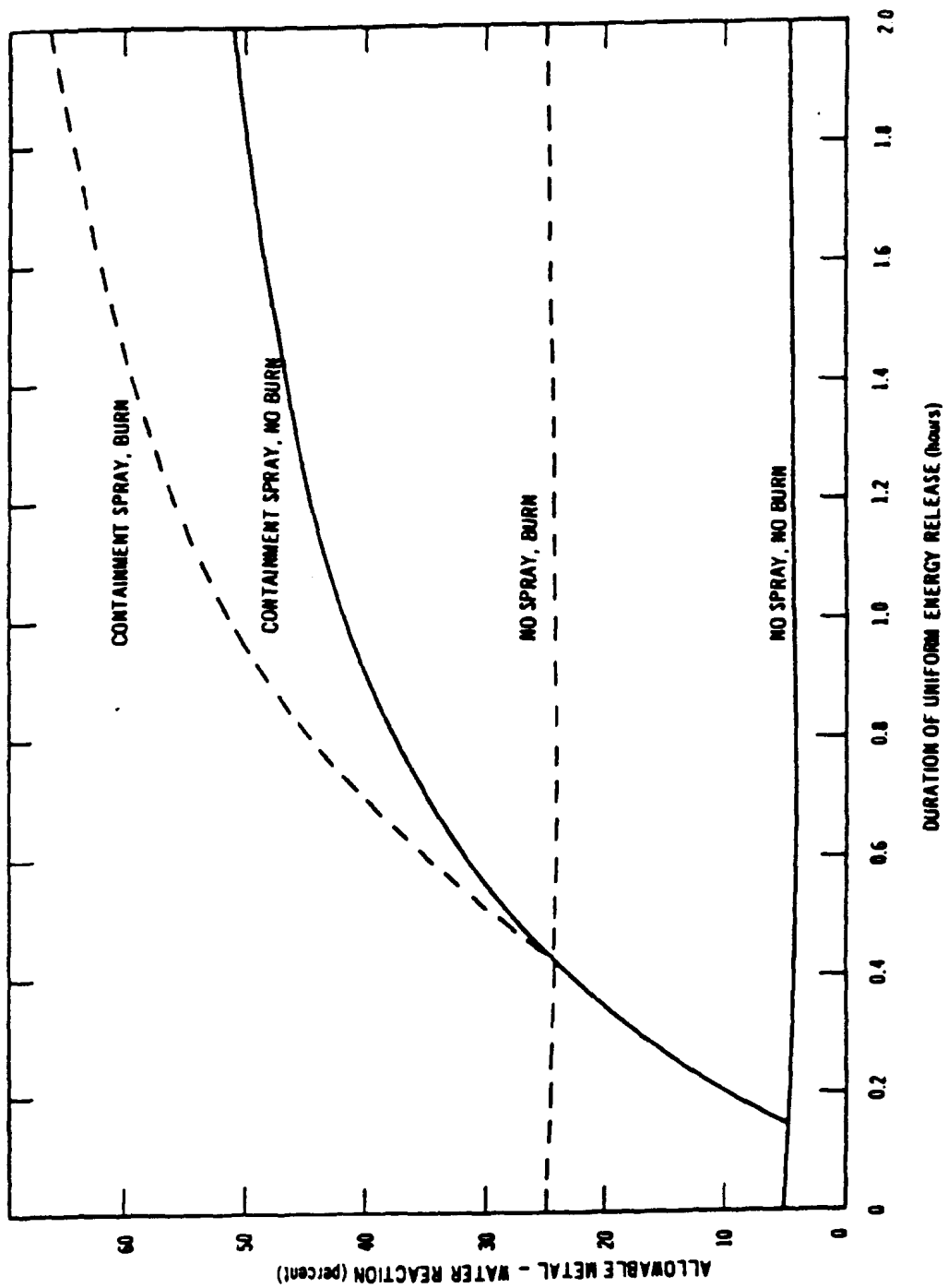
Update - 5

Oyster Creek

12/90

Reactor Coolant Loss Rate Following
Recirculation Line Break

Fig. 6.2-12



GPU Nuclear

Oyster Creek

Containment Capability

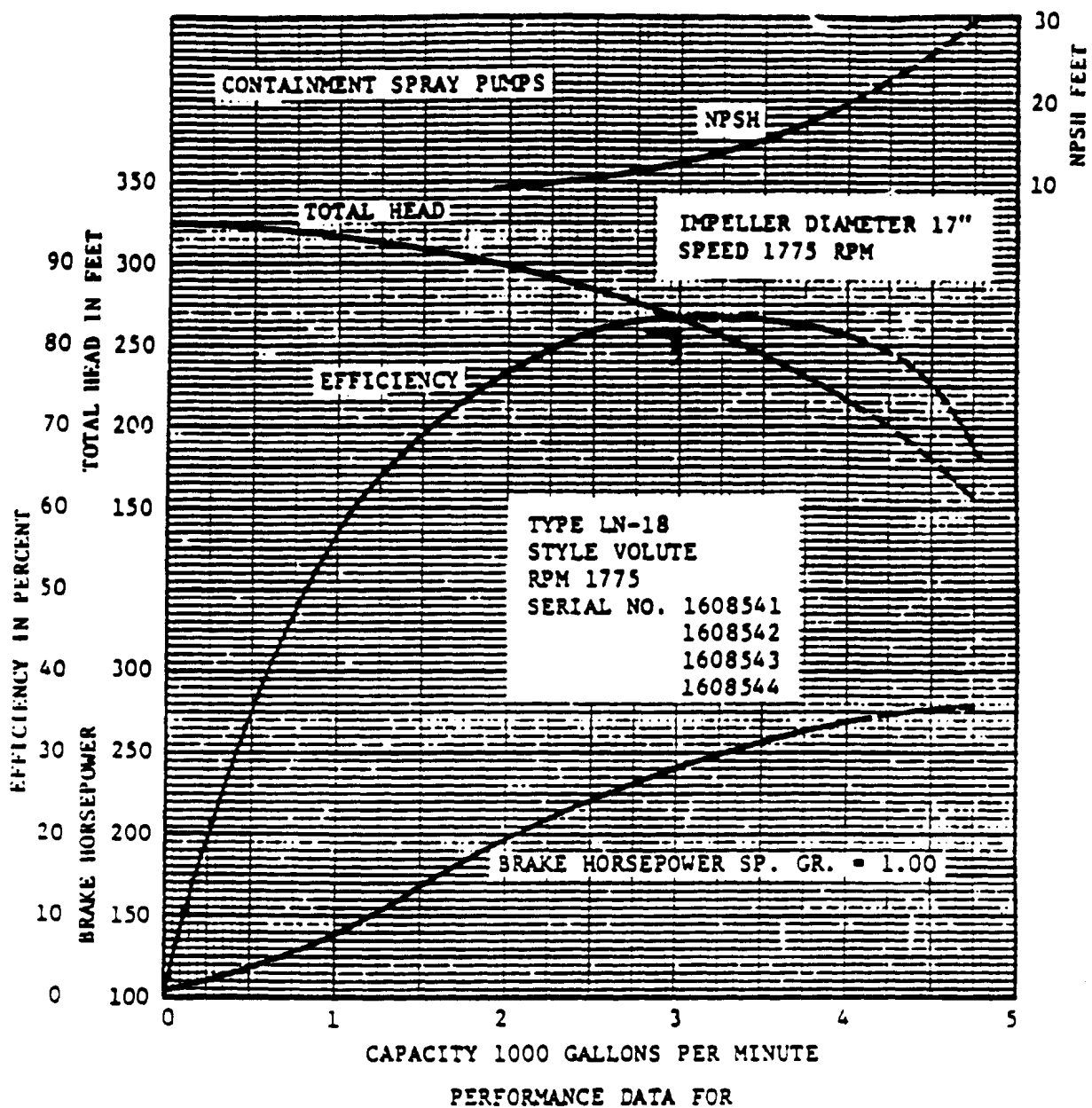
Update - 5

12/90

Fig. 6.2-13

Figure 6.2-14

Deleted



GPU Nuclear

Update - 5

Oyster Creek

12/90

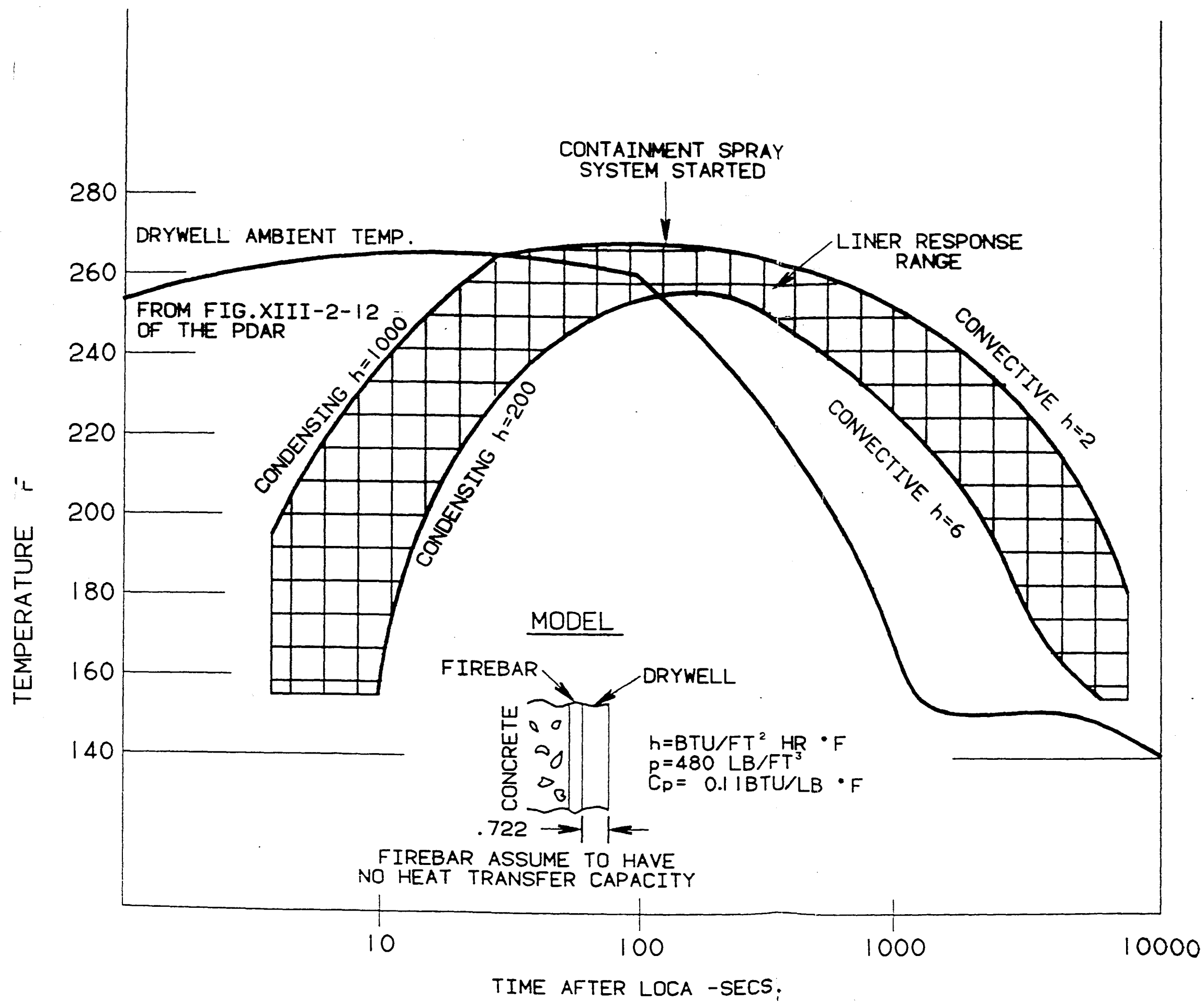
**Performance Data for Containment
Spray Pumps**

Fig. 6.2-15

OCNGS UFSAR

Figures 6.2-16A through 6.2-17

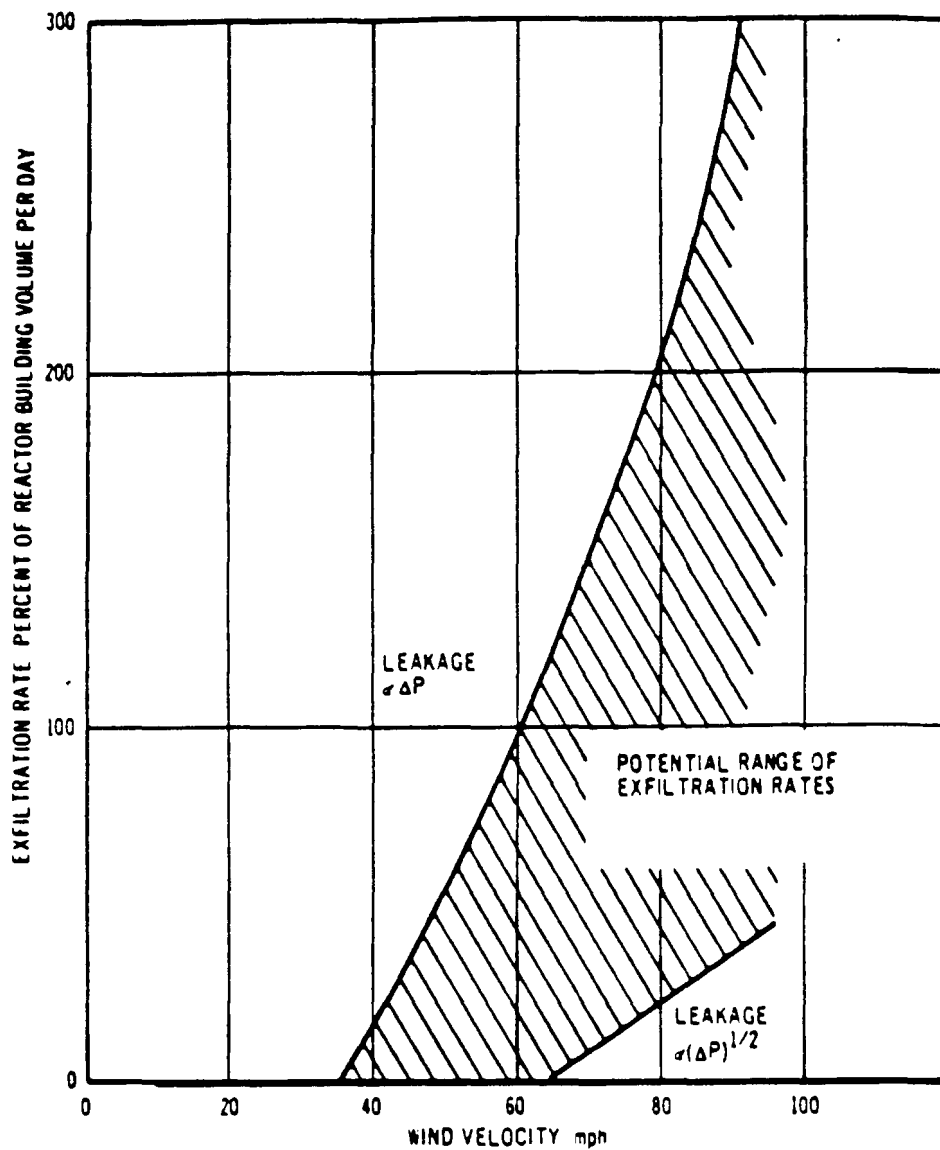
Deleted



OCNGS UFSAR

Figure 6.2-19

Deleted



GP Nuclear

Update - 5

Oyster Creek

12/90

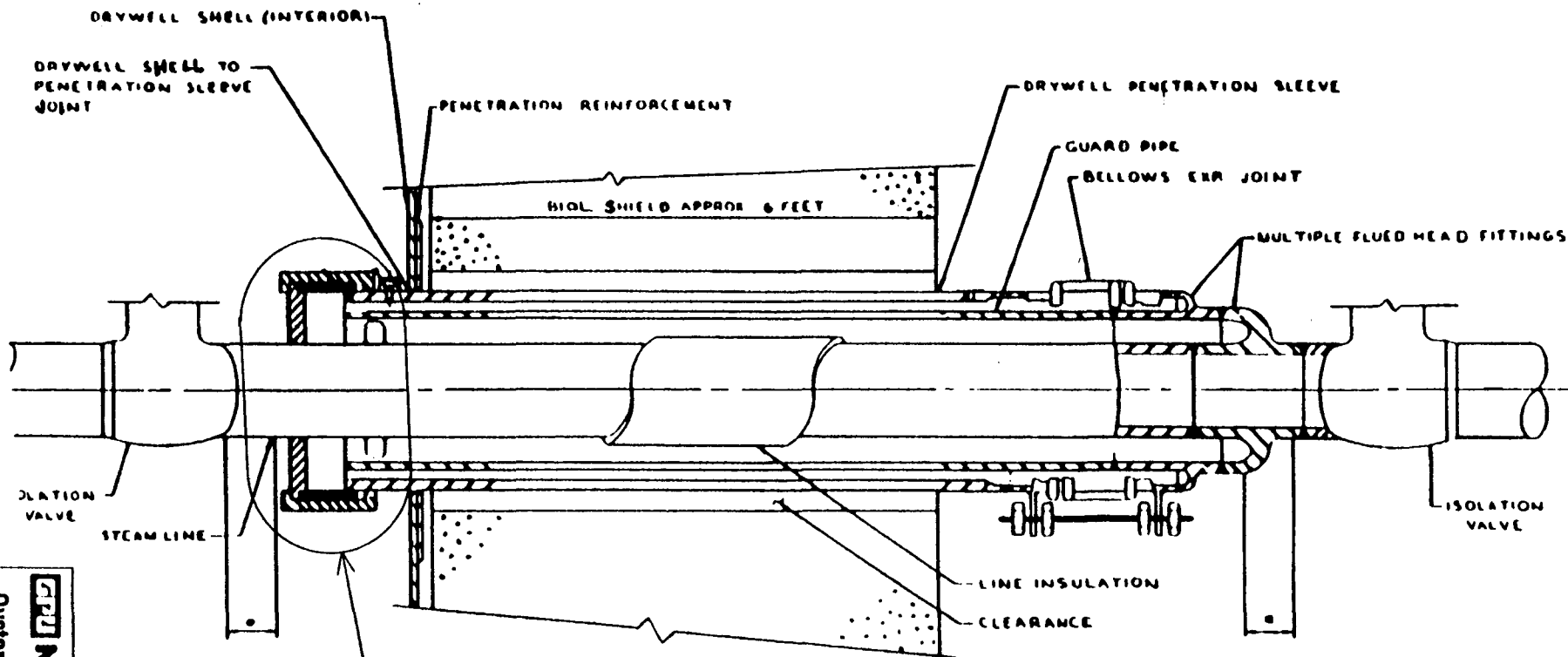
Calculated Range of Reactor Building
Exfiltration Rates as a Function of
Wind Velocity

Fig. 6.2-20

OCNGS UFSAR

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.

GP7 Nuclear

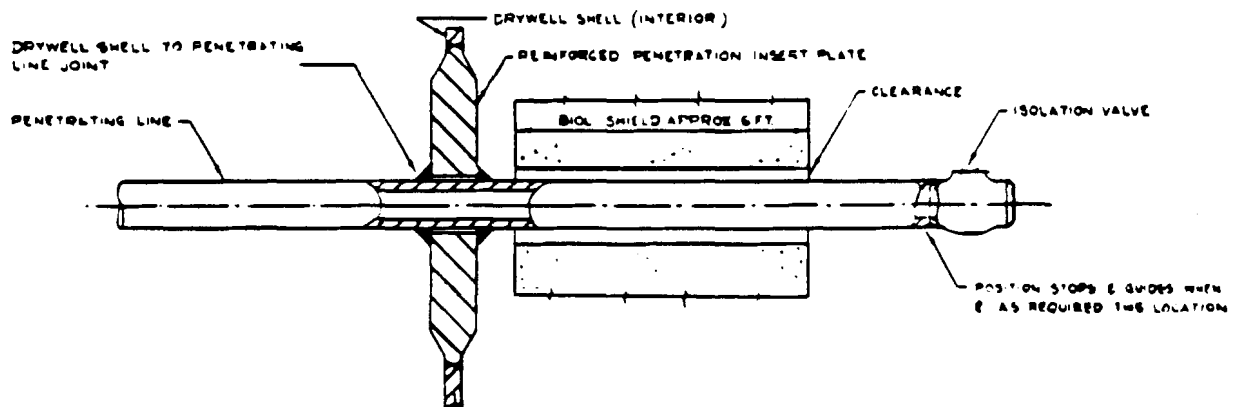
Oyster Creek

Primary Containment High Temperature
Process Line Penetration

Update - 10

04/97

Fig. 6.2-22



GPU Nuclear

Update - 5

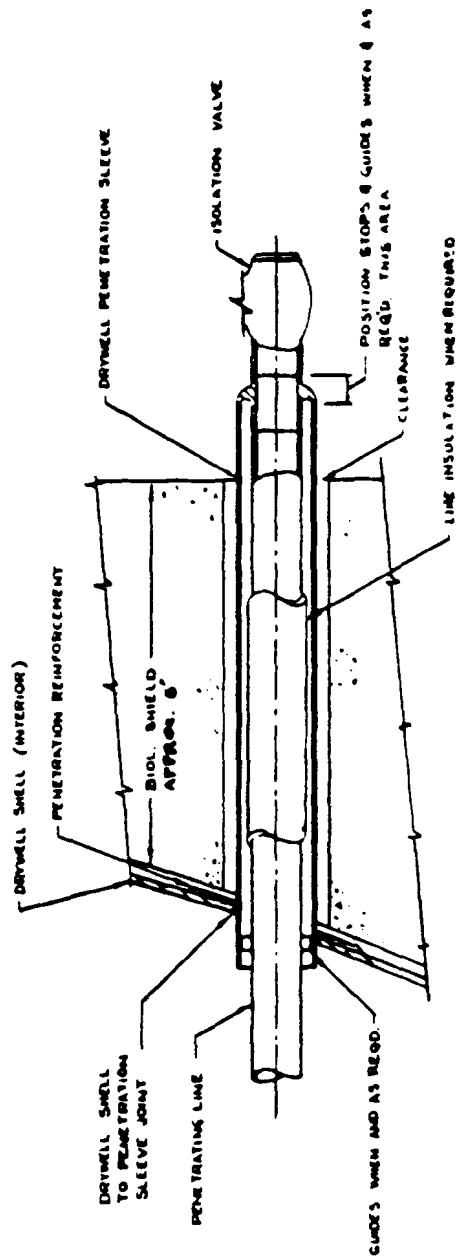
Oyster Creek

12/90

Primary Containment Process Line

Penetration — Type 1

Fig. 6.2-23



GPU Nuclear

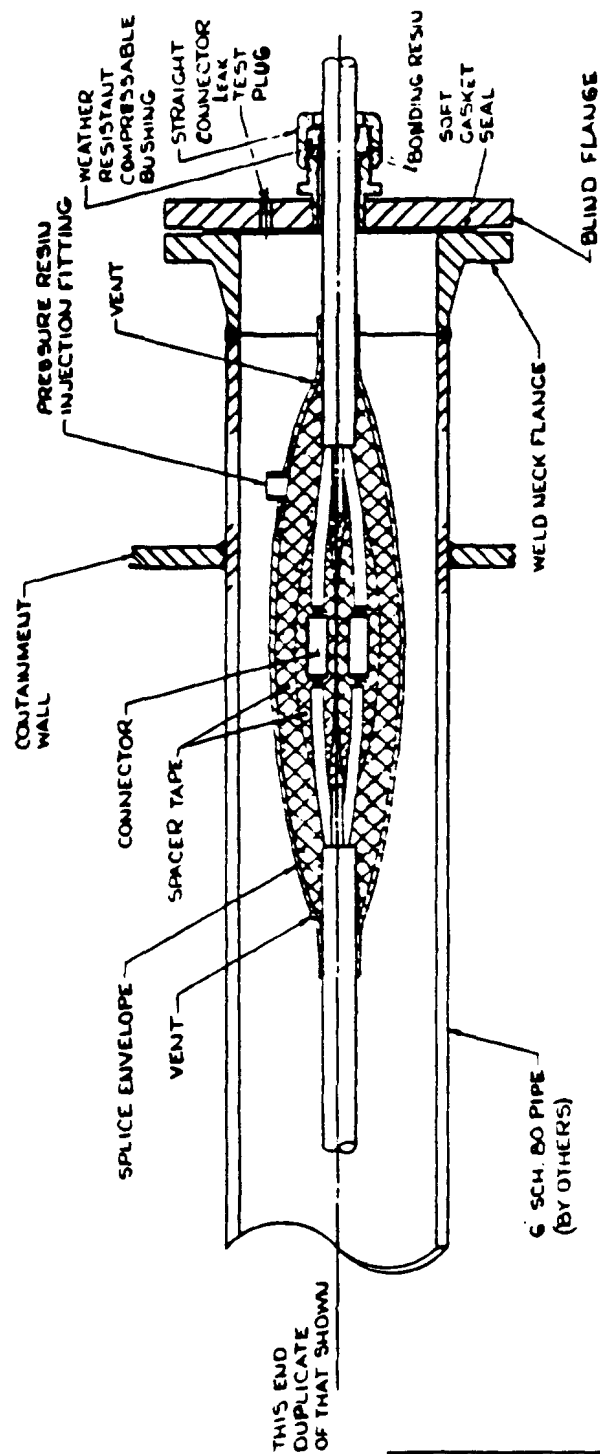
Update - 5

Oyster Creek

12/90

Primary Containment Process Line
Penetration — Type 2

Fig. 6.2-24



GPU Nuclear

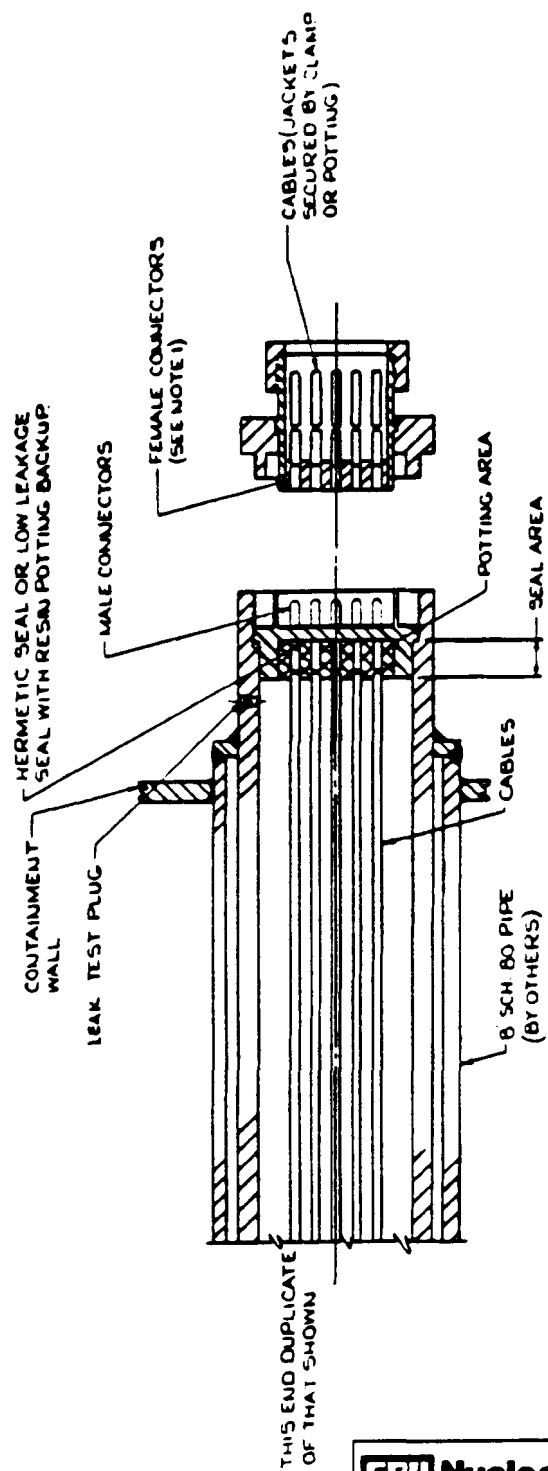
Update - 5

Oyster Creek

12/90

Primary Electrical Penetration — Single

Fig. 6.2-25



GPU Nuclear

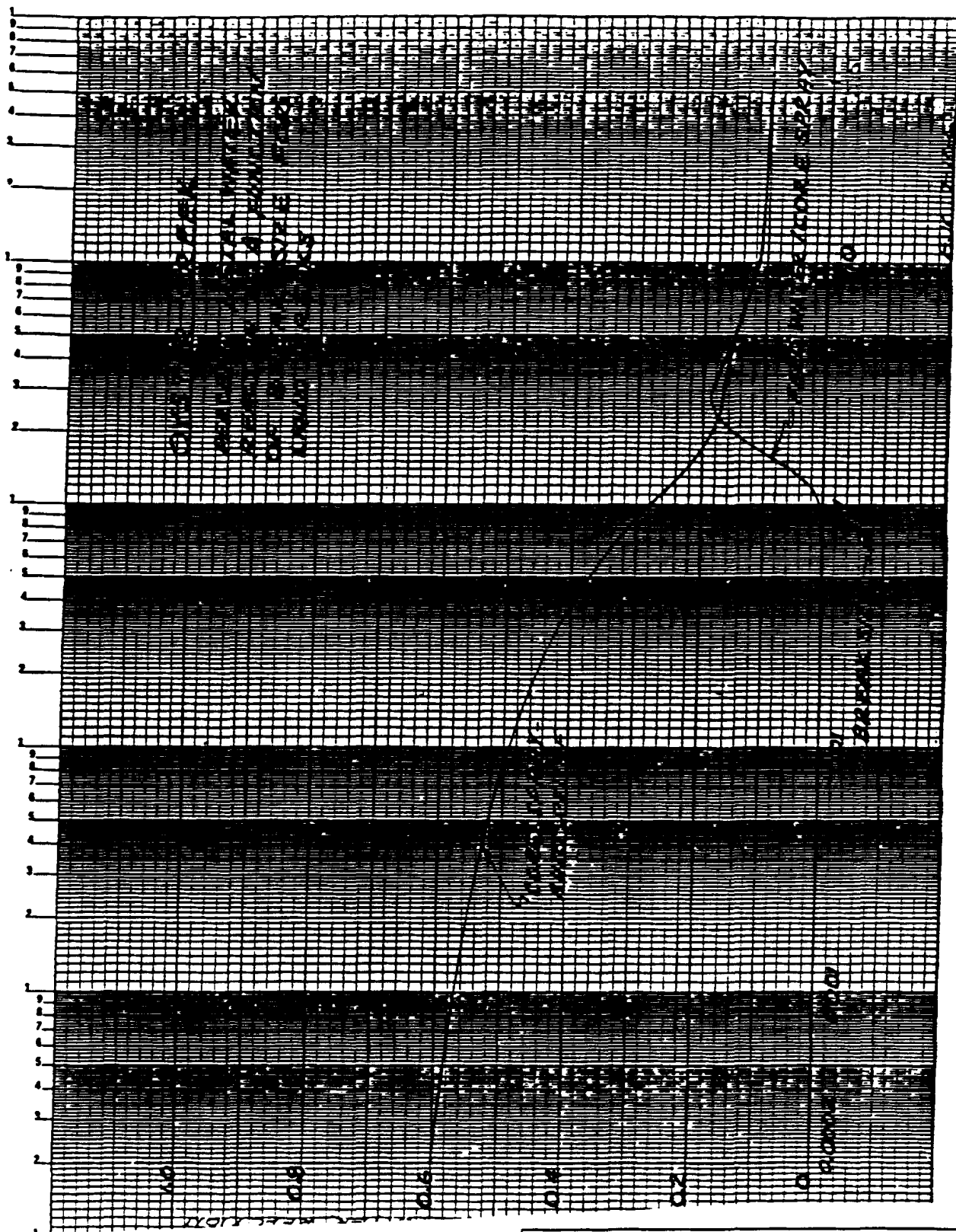
Oyster Creek

Primary Electrical Penetration — Multiple

Update - 5

12/90

Fig. 6.2-26



GPU Nuclear

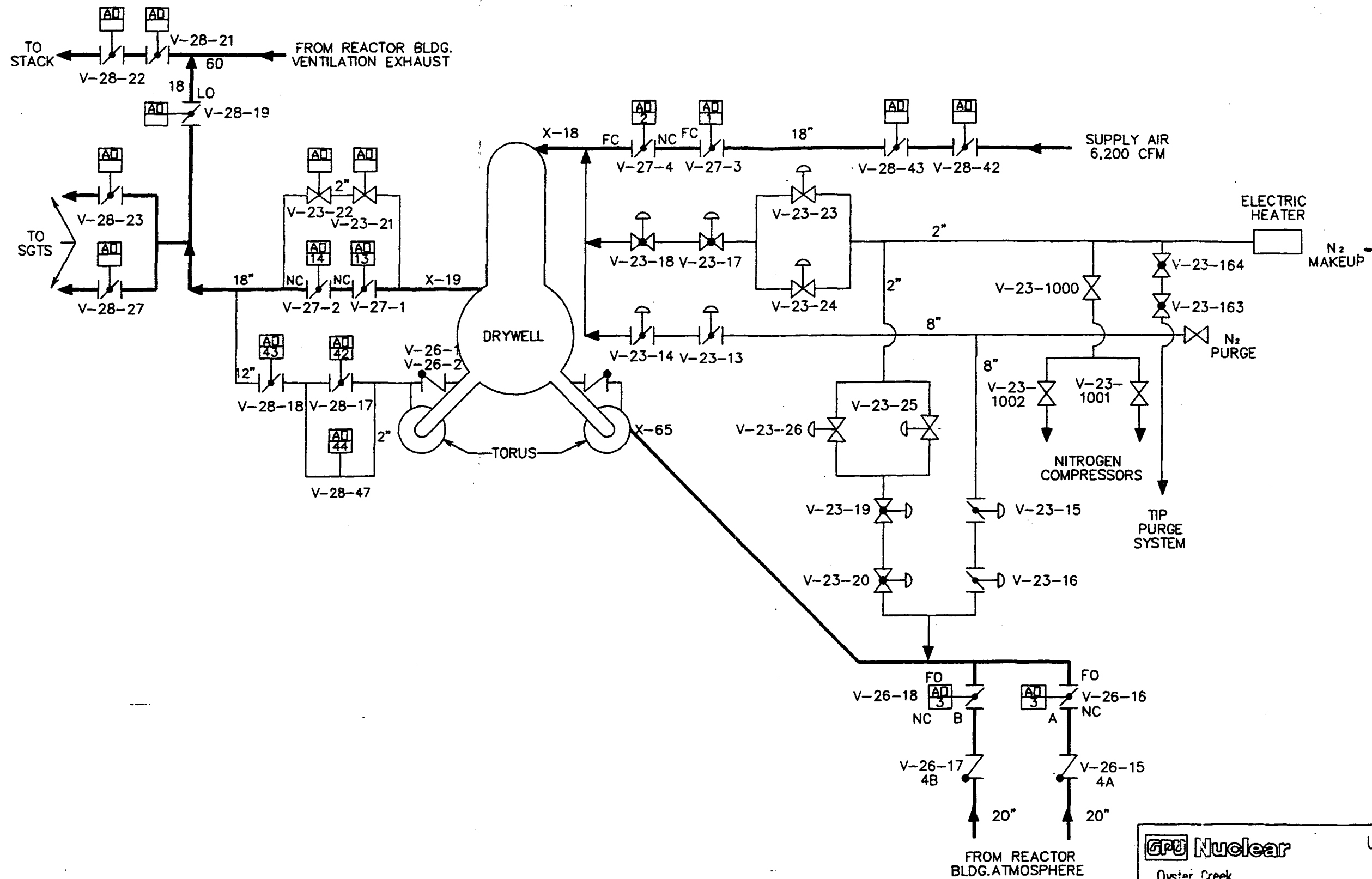
Update - 5

Oyster Creek

12/90

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

Fig. 6.2-27



GPU Nuclear

UPDATE-11

Oyster Creek

04/99

Primary Containment Ventilation
/Inerting System

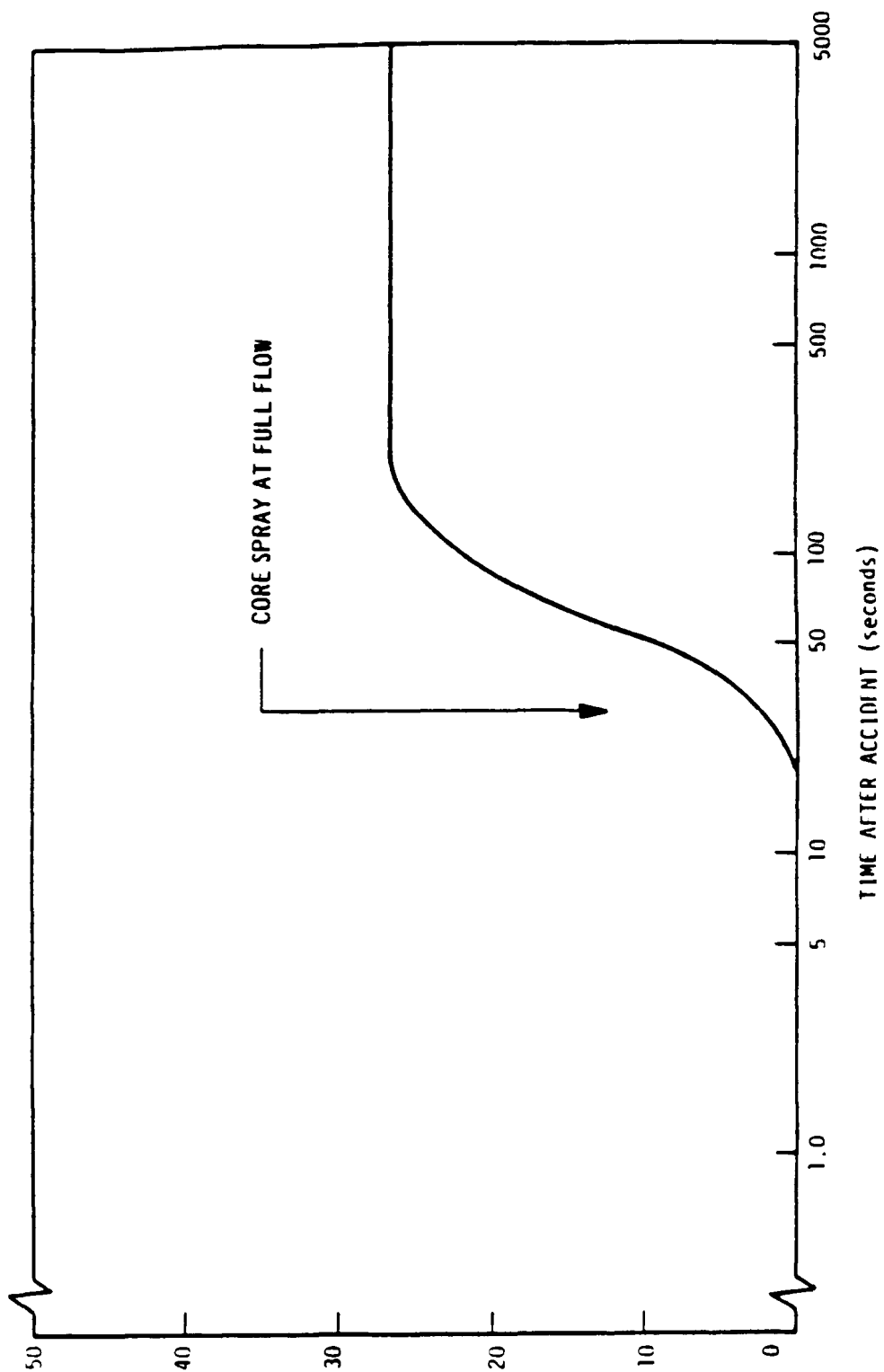
CADD #S36,SKM,00,0346,000-,0001

Fig.6.2-28

OCNGS UFSAR

Figures 6.2-29 through 6.2.35

Deleted



GPU Nuclear

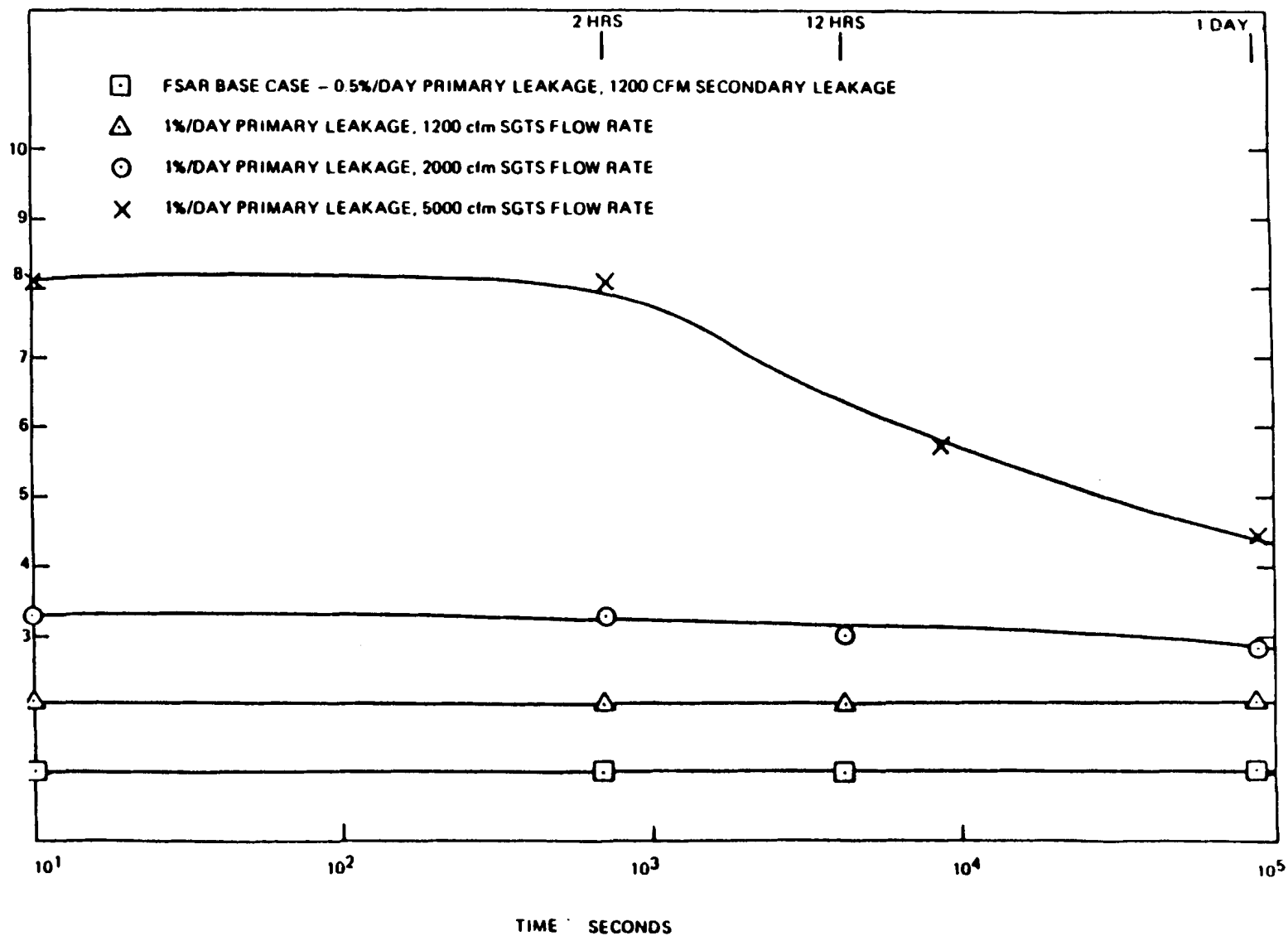
Update - 5

Oyster Creek

12/90

Fuel Rod Perforations Following Recirculation
Line Break

Fig. 6.2-36



GP2 Nuclear
Oyster Creek

Update - 5

12/90

Relative Dose Factor vs. Time

Fig. 6.2.37

OCNGS UFSAR

Figures 6.2-38A through 6.2-38B

Deleted

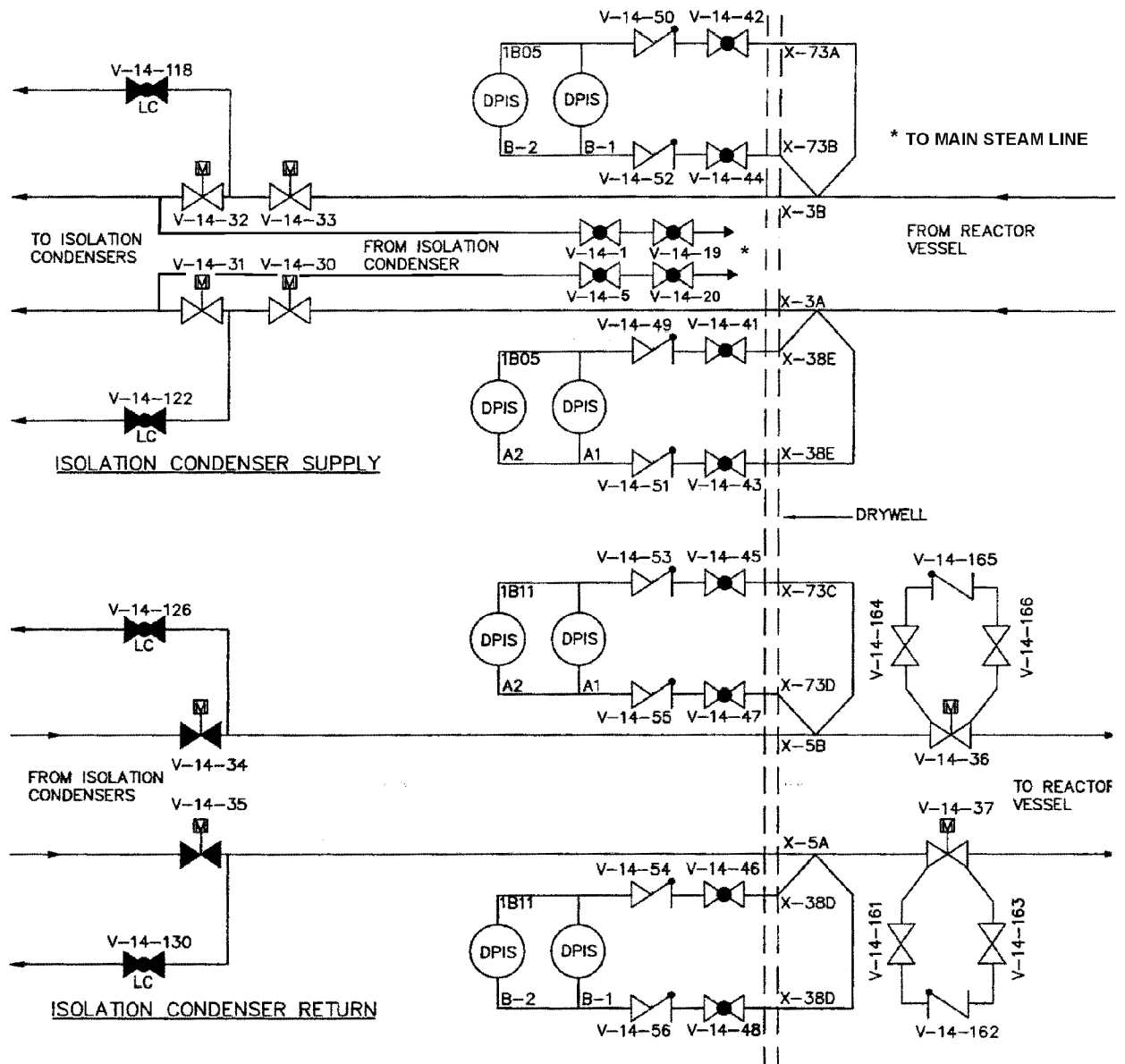


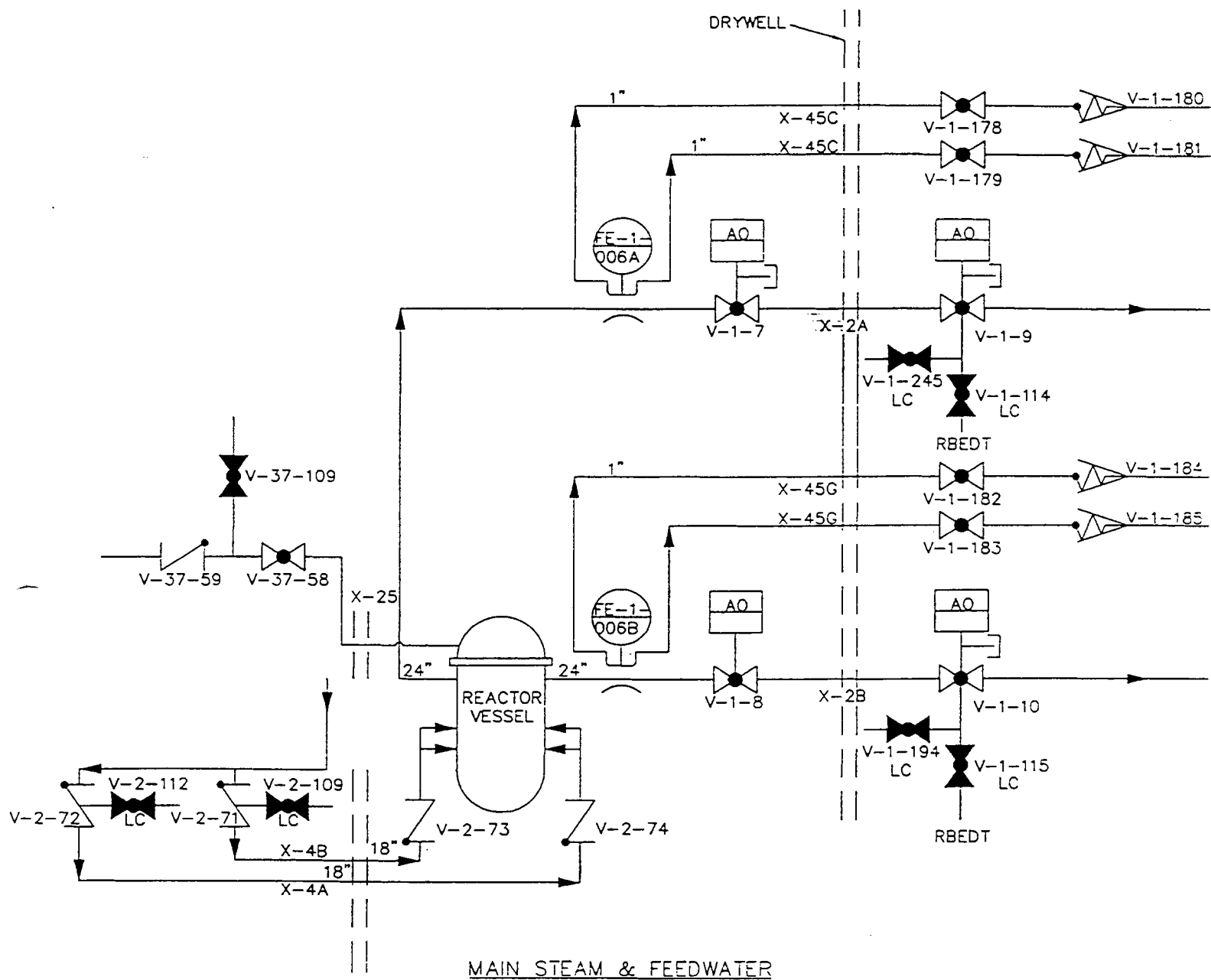
FIGURE 6.2-39

REV. 16, OCTOBER 2009

OYSTER CREEK
Containment Isolation Valves
Isolation Condenser

148F262

Fig. 6.2-39



Update - 11

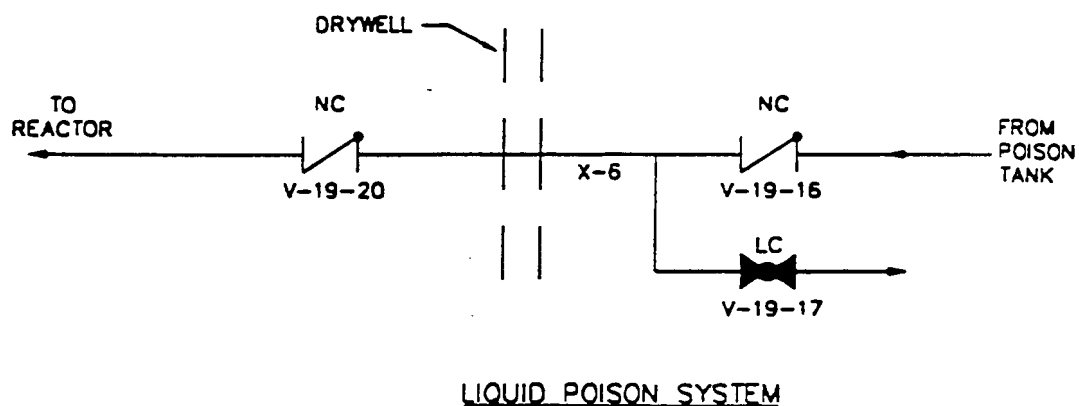
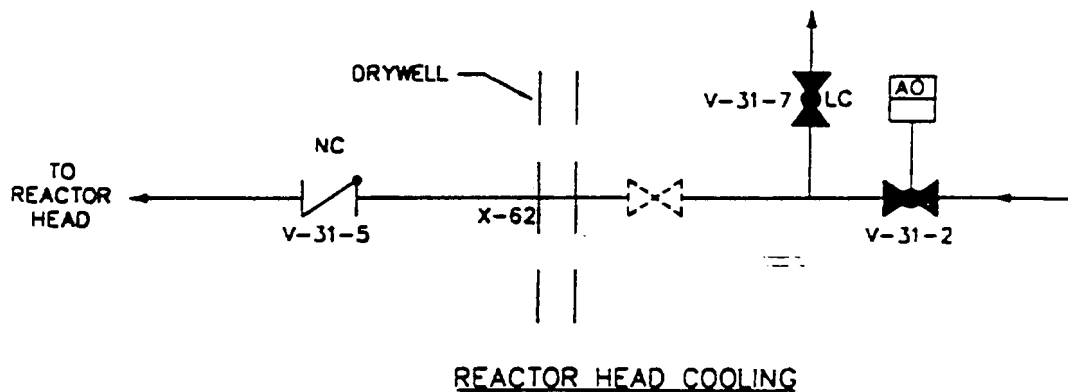
04/99

OYSTER CREEK

Containment Isolation Valves
Main Steam & Feedwater

2002 SH1,2, JC 19616

Fig. 6.2-40

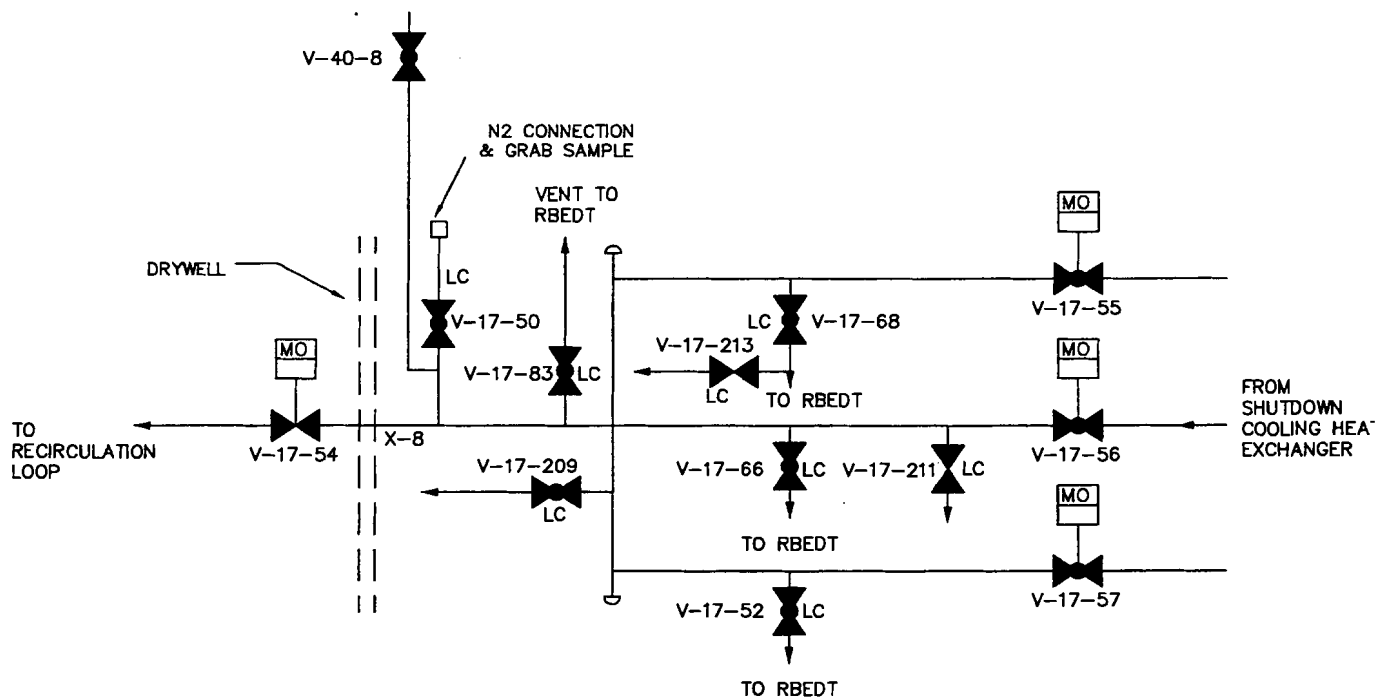


Update - 11
04/99

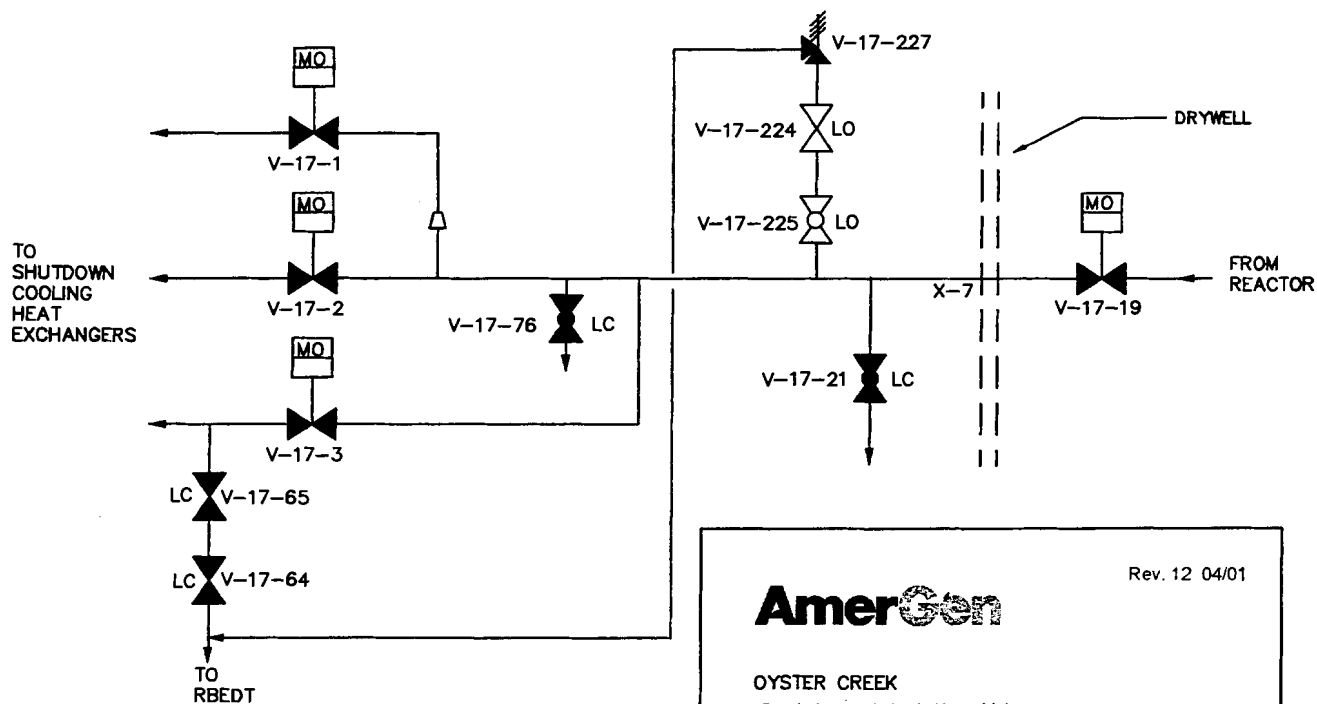
OYSTER CREEK
Containment Isolation Valves
Liquid Poison/Reactor Head Cooling

237E487, 148F723

Fig. 5.2-41



SHUTDOWN COOLING RETURN



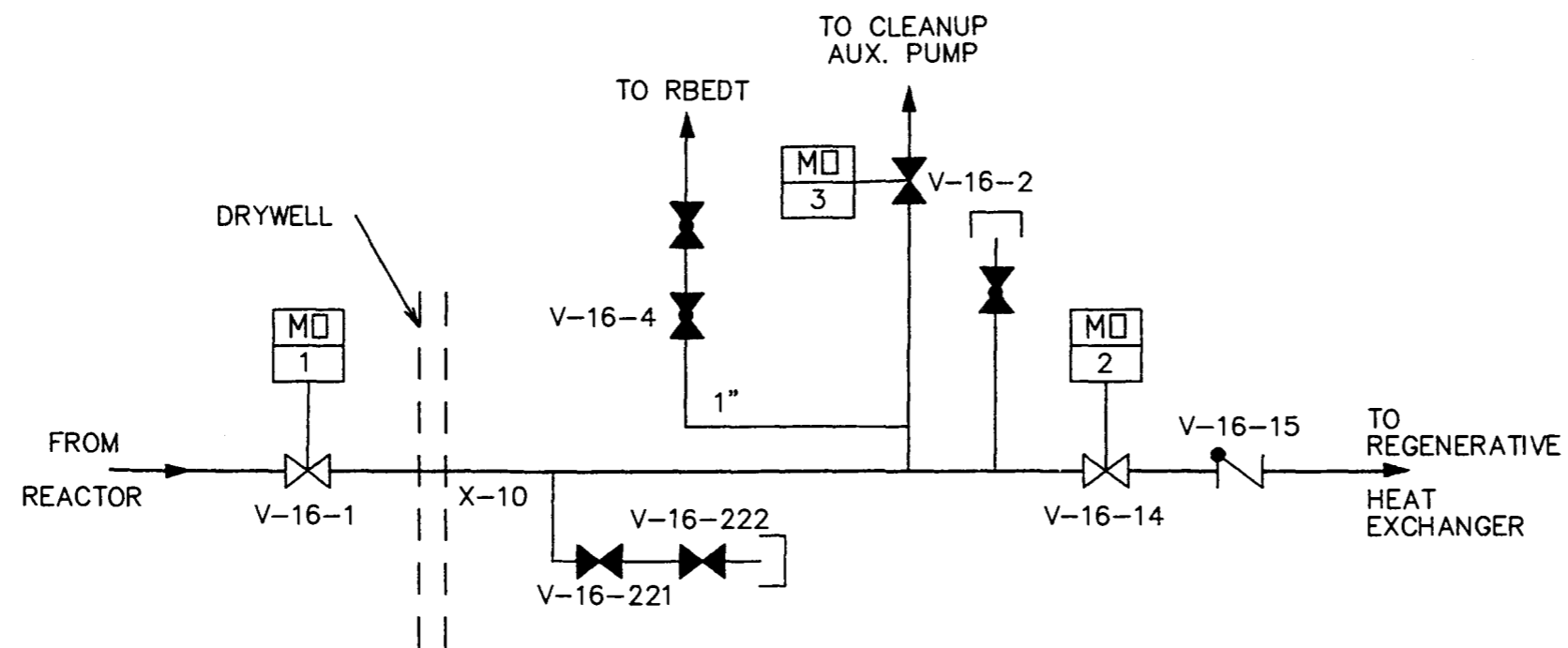
AmerGen

Rev. 12 04/01

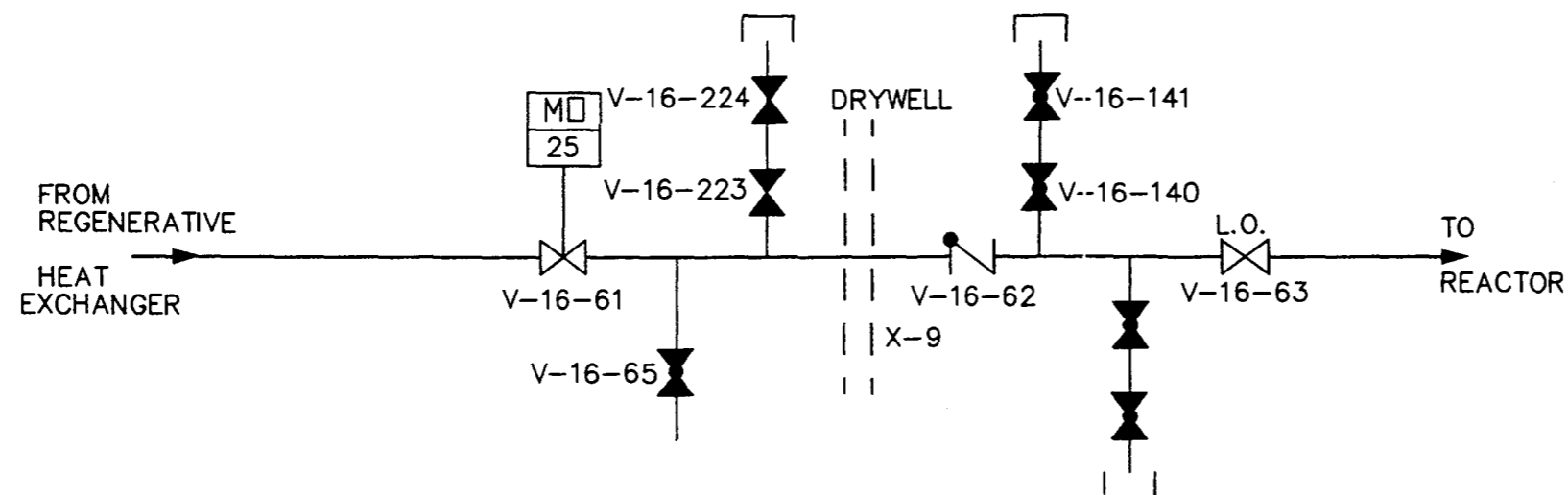
OYSTER CREEK
Containment Isolation Valves
Shutdown Cooling

148F711

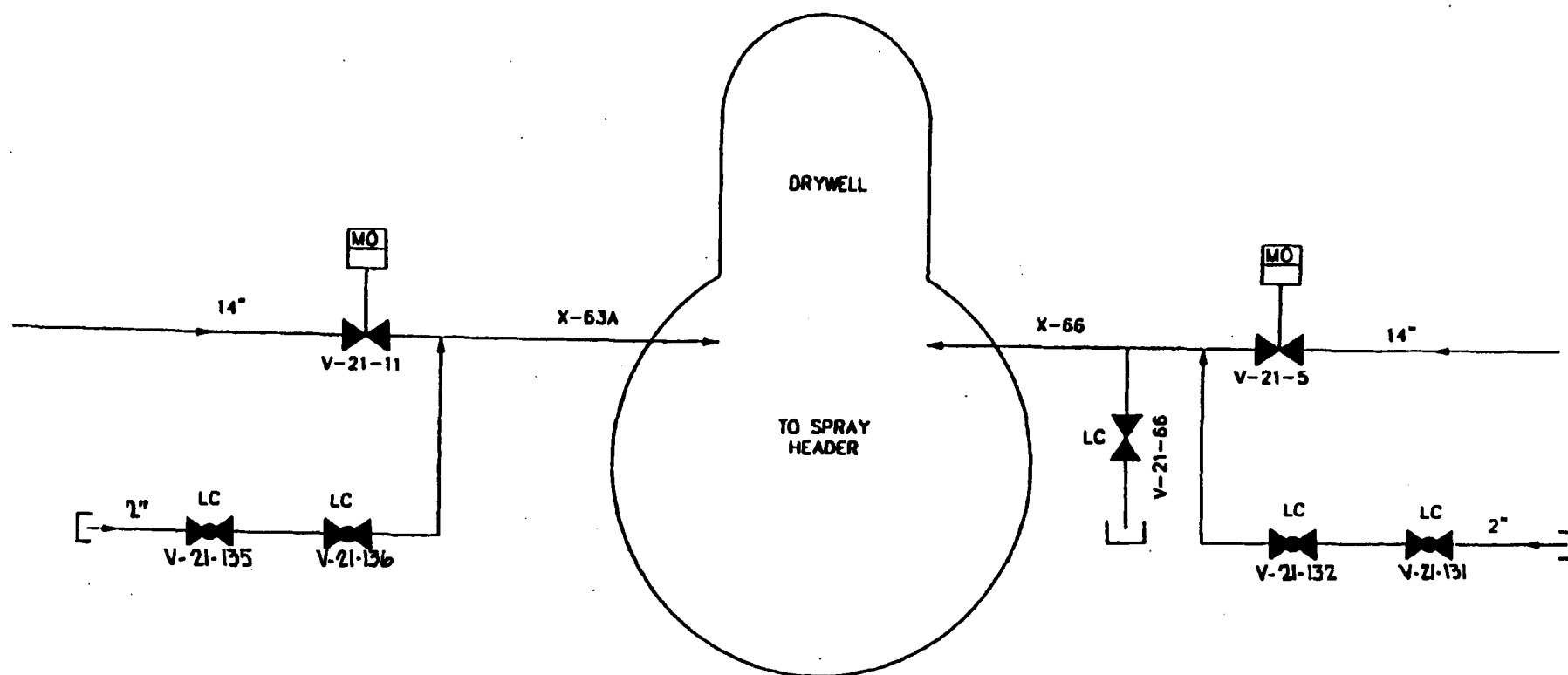
Fig. 6.2-42



REACTOR CLEANUP SUPPLY



REACTOR CLEANUP RETURN



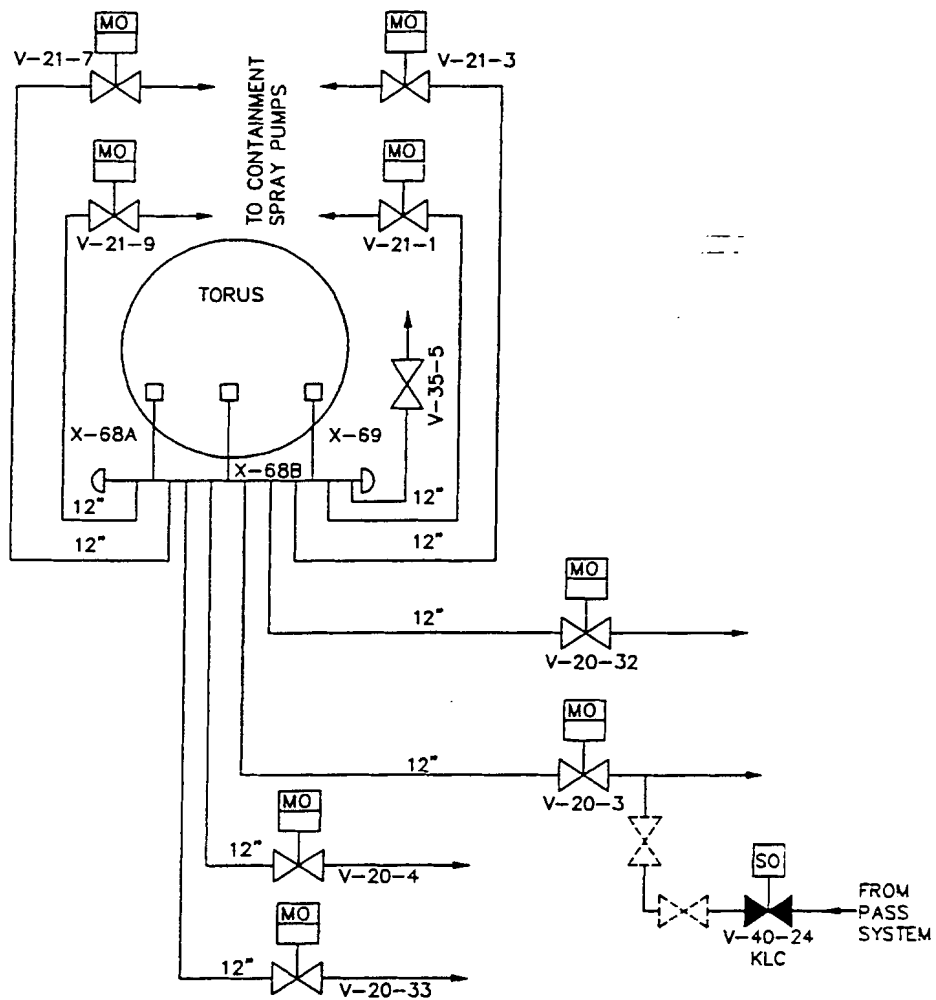
CONTAINMENT SPRAY (DRYWELL)

Update 14
10/05

OYSTER CREEK NUCLEAR GENERATING STATION

Containment Isolation Valves

FIGURE 6.2-44



CORE SPRAY AND CONTAINMENT SPRAY SUPPLY FROM TORUS



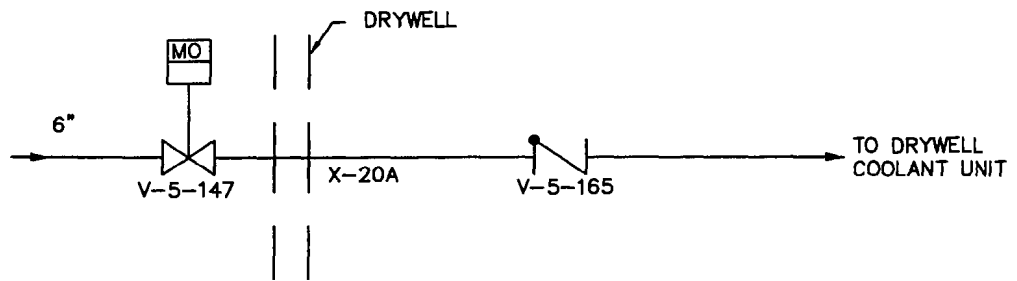
Update - 11

04/99

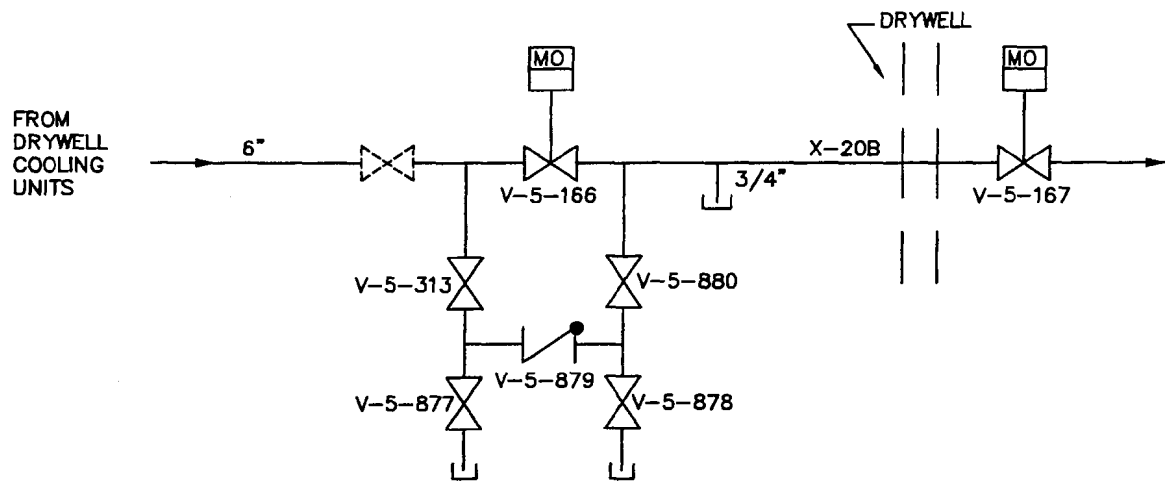
OYSTER CREEK
Containment Isolation Valves
Core Spray/Containment Spray

148F740
885D781

Fig. 6.2-45



RB CLOSED COOLING SUPPLY



RB CLOSED COOLING RETURN

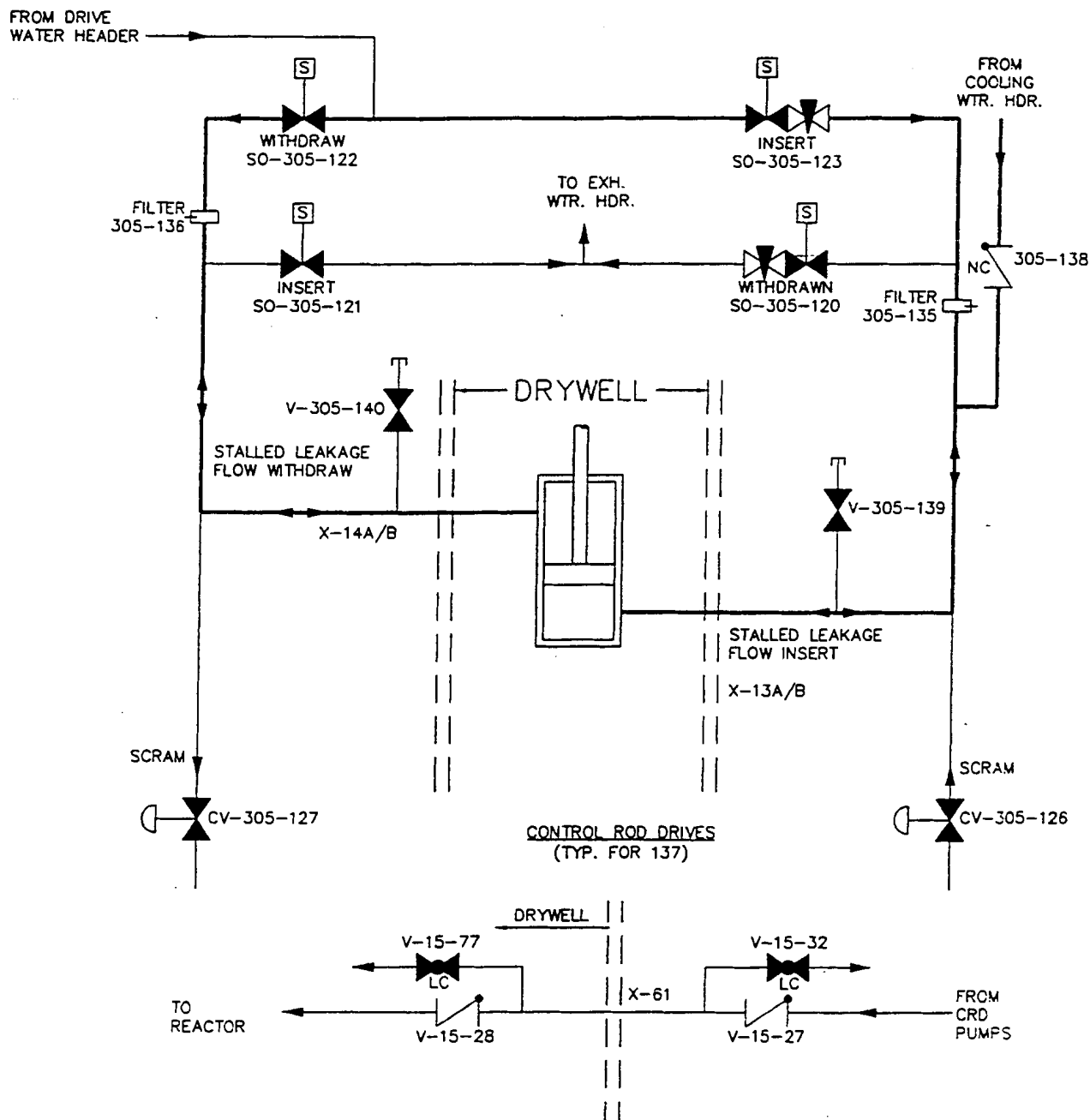
AmerGen

Rev. 12 04/01

OYSTER CREEK
Containment Isolation Valves
RBCCW

2006 SH 3

Fig. 6.2-46



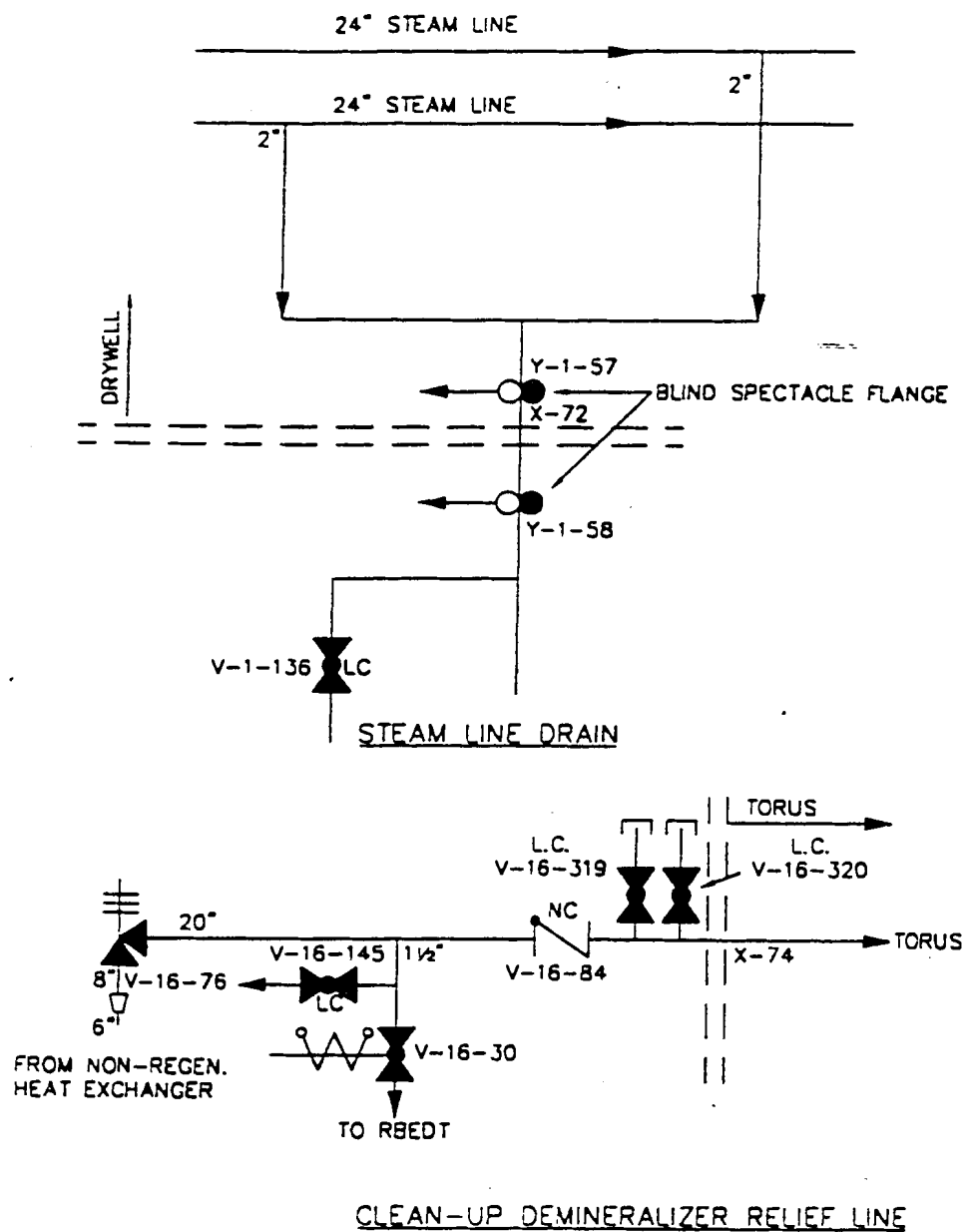
Update - 11

04/99

OYSTER CREEK
Containment Isolation Valves
CRD

237E487, 197E871

Fig. 6.2-47



Update - 11

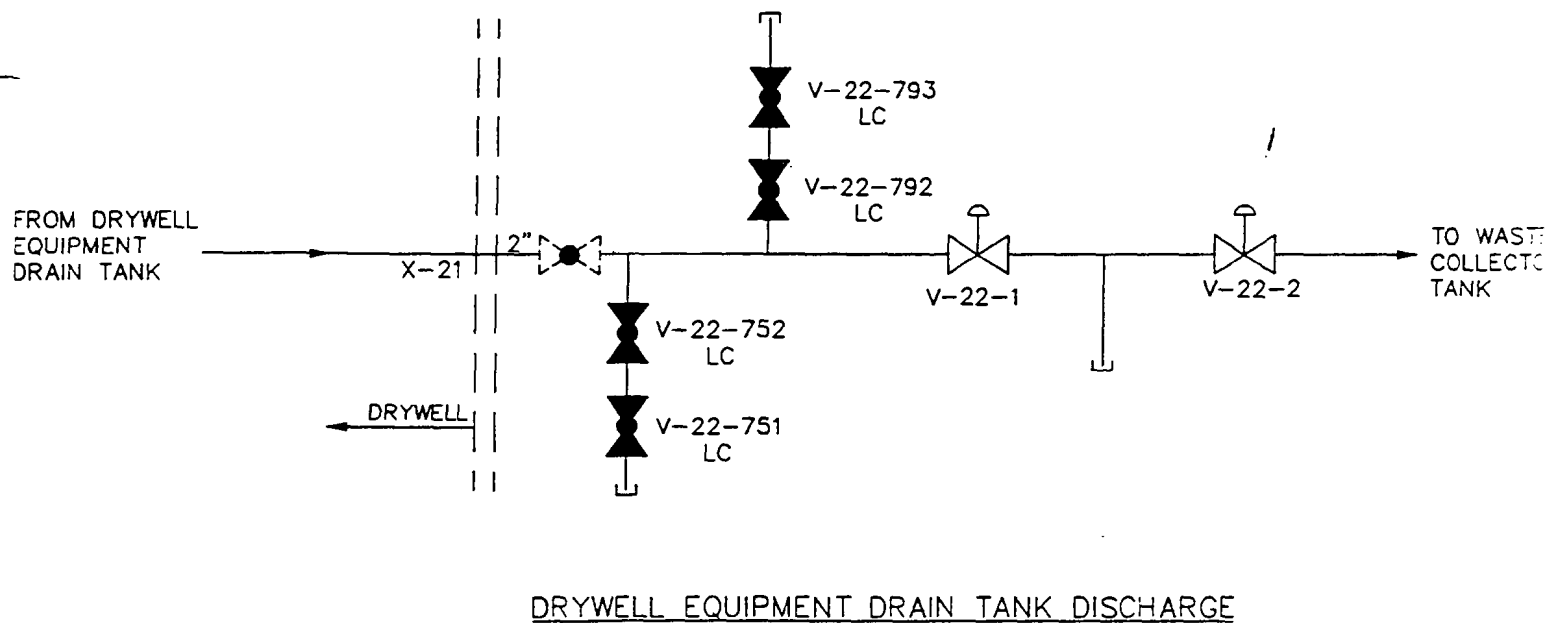
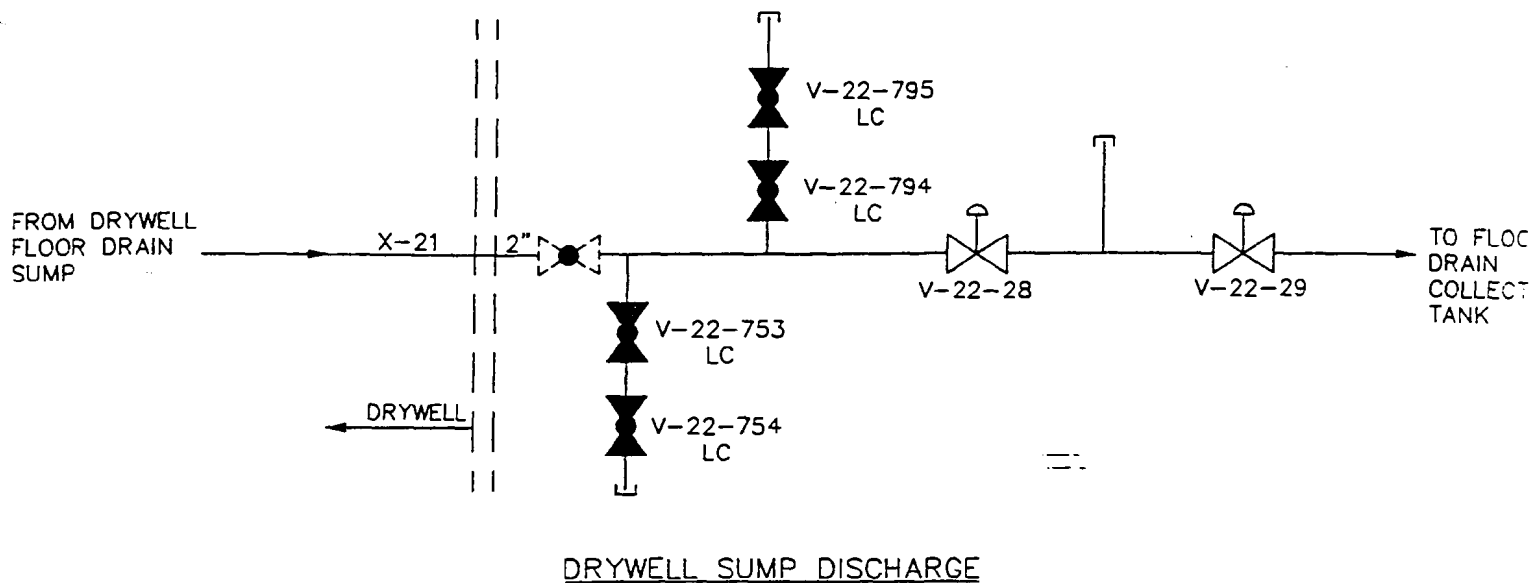
04/99

OYSTER CREEK

Containment Isolation Valves
Cleanup Demin/Steamline Drain

2002 SH2, 148F444

Fig. 5.2-48



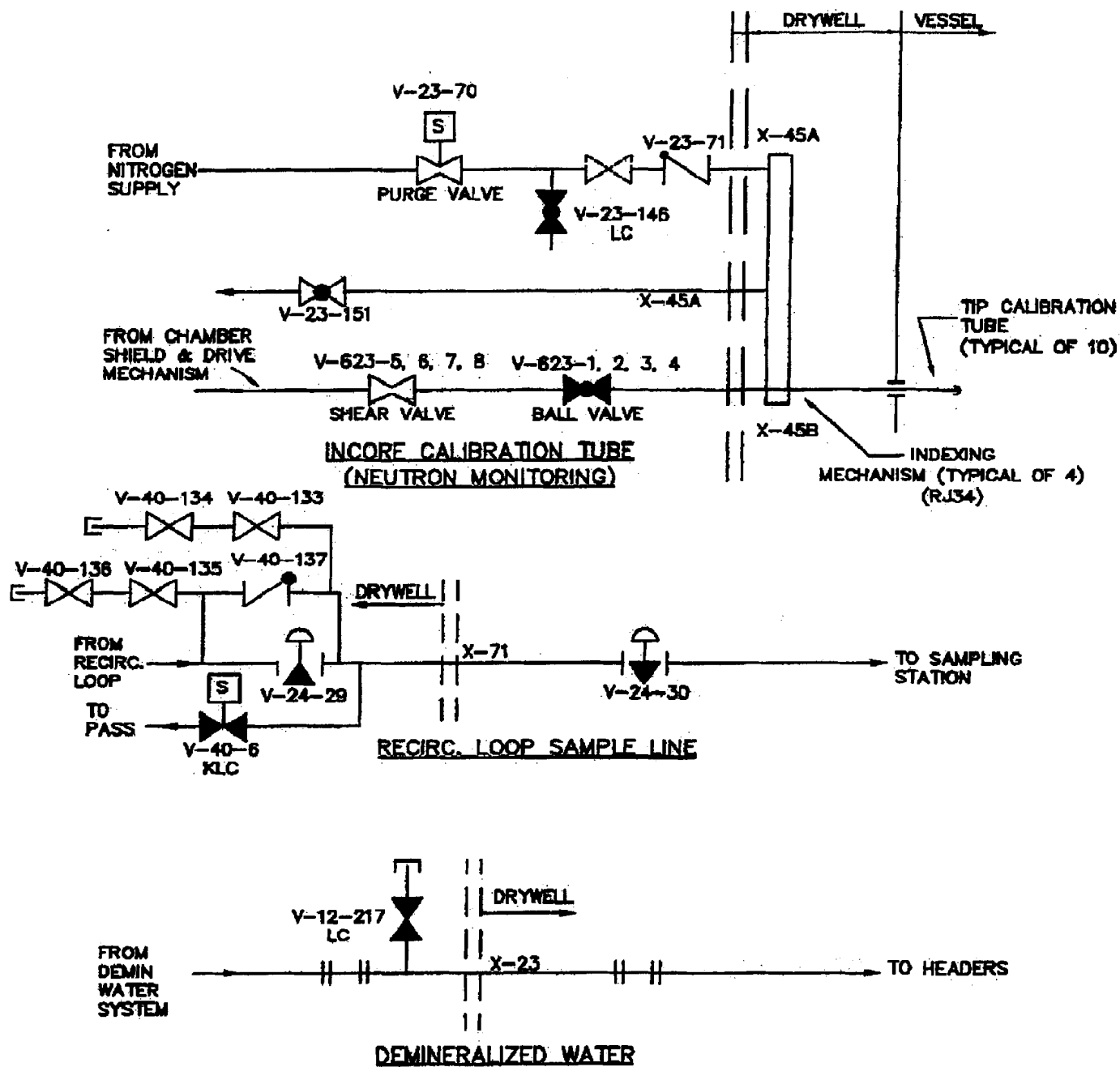
Update - 11

04/99

OYSTER CREEK
Containment Isolation Valves
DEDT/Drywell Sump

JC 147434

Fig. 6.2-49

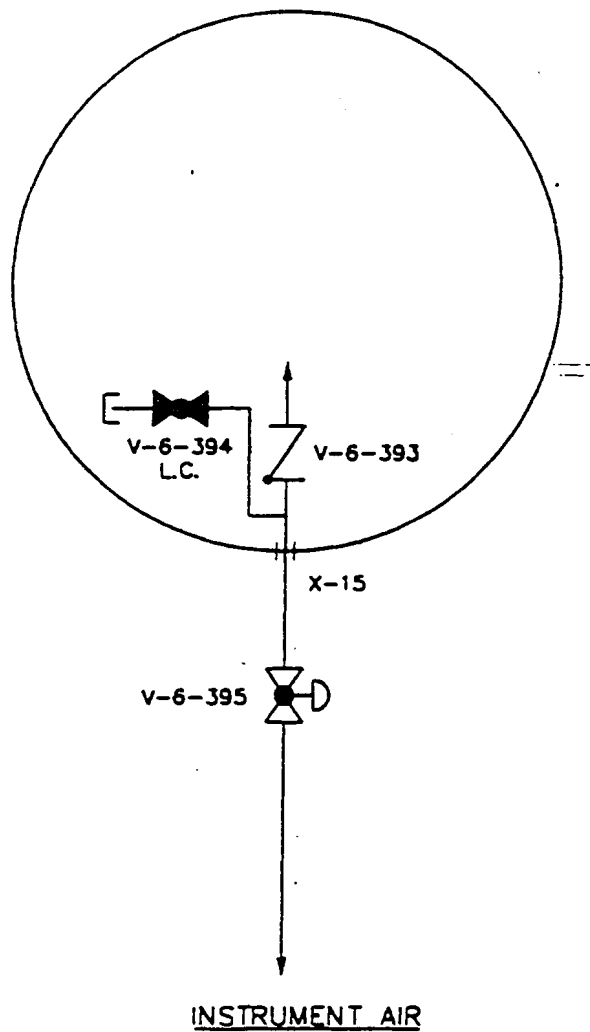


Rev. 13 04/03

OYSTER CREEK NUCLEAR GENERATING STATION

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

FIGURE 6.2-50



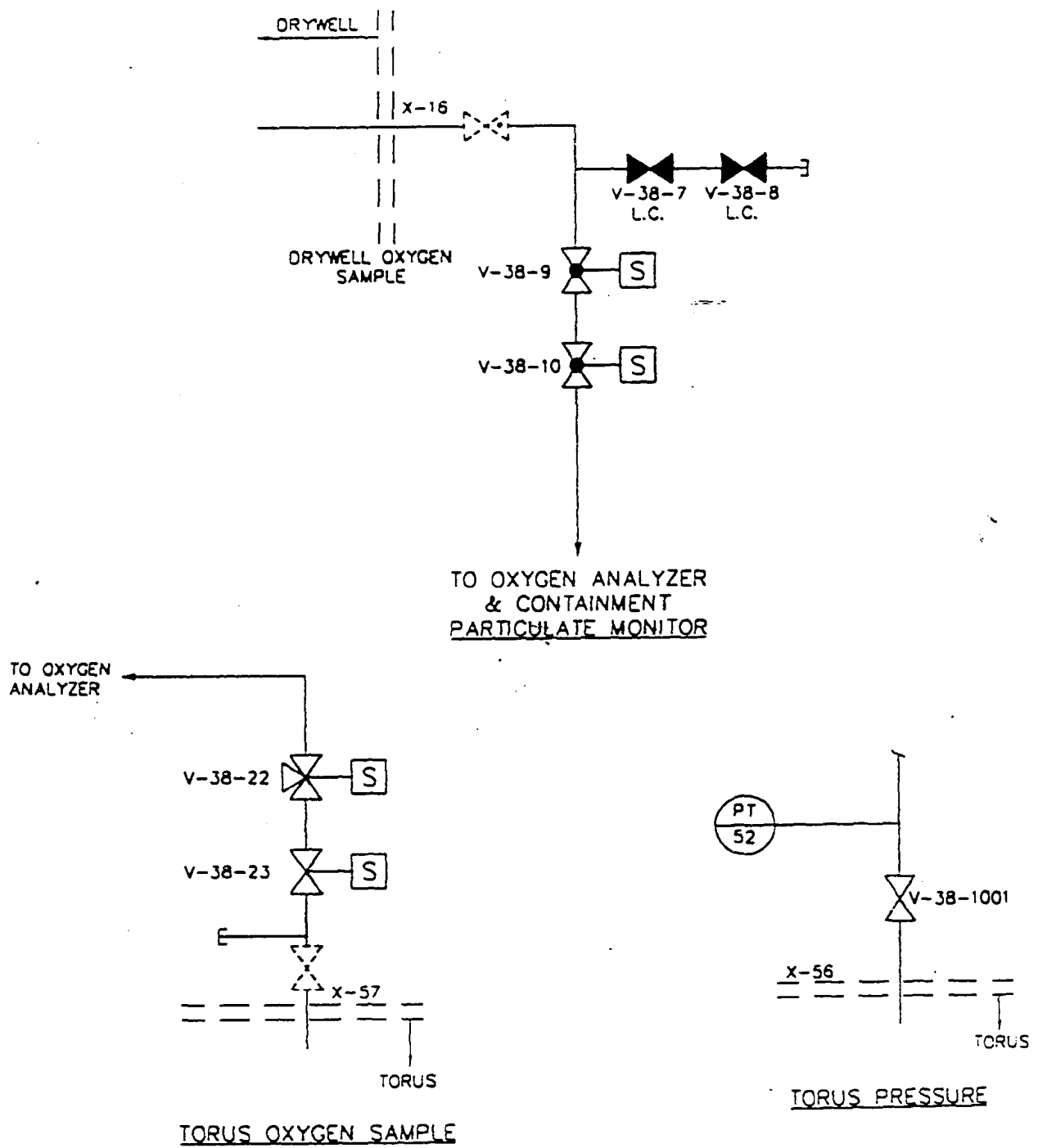
Update - 11

04/99

OYSTER CREEK
Containment Isolation Valves
Instrument Air

2013 SH 6

Fig. 6.2-51

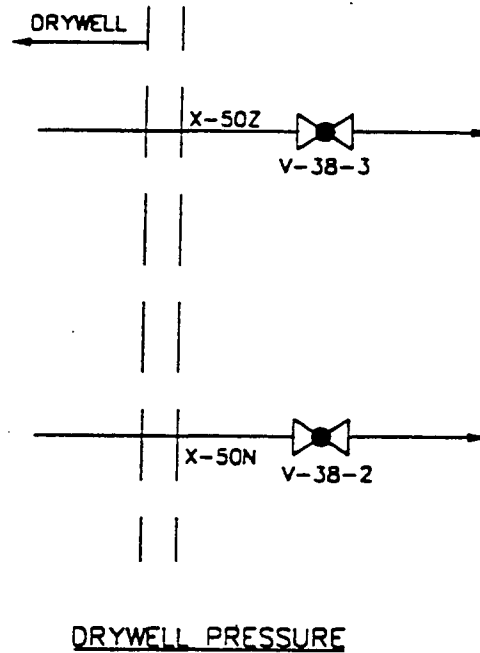
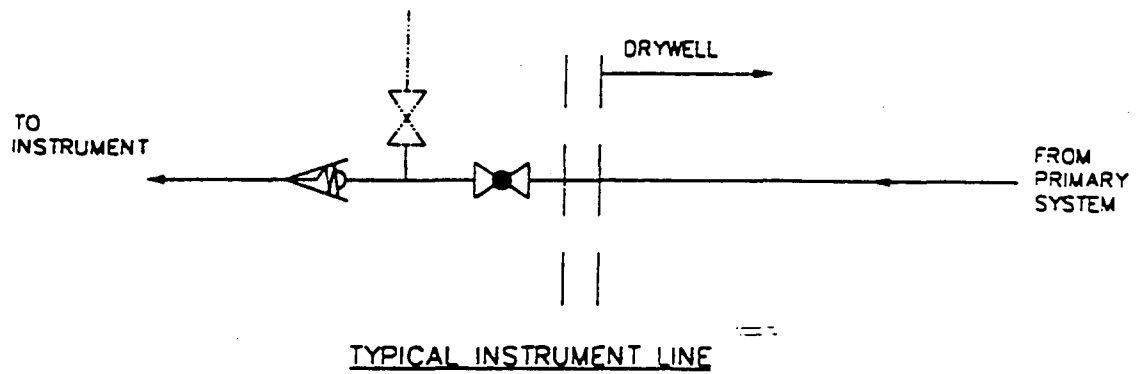


Update - 11
04/99

OYSTER CREEK
Containment Isolation Valves
LPM/Torus O2 & Pressure

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

Fig. 5.2-52

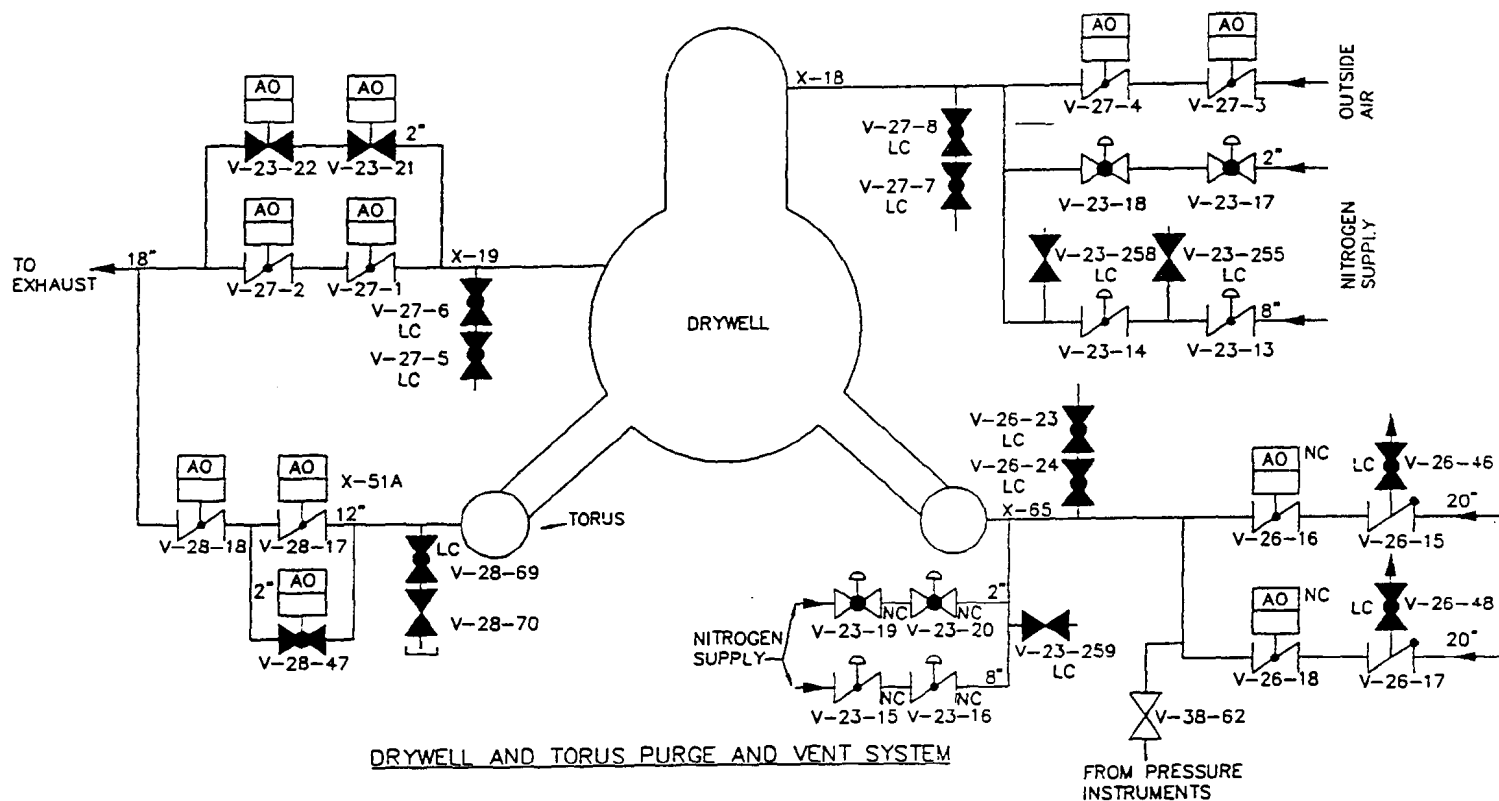


Update - 11
04/99

OYSTER CREEK
Containment Isolation Valves
Instrument Line/Drywell Pressure

237E726, 112C2827

Fig. 5.2-53



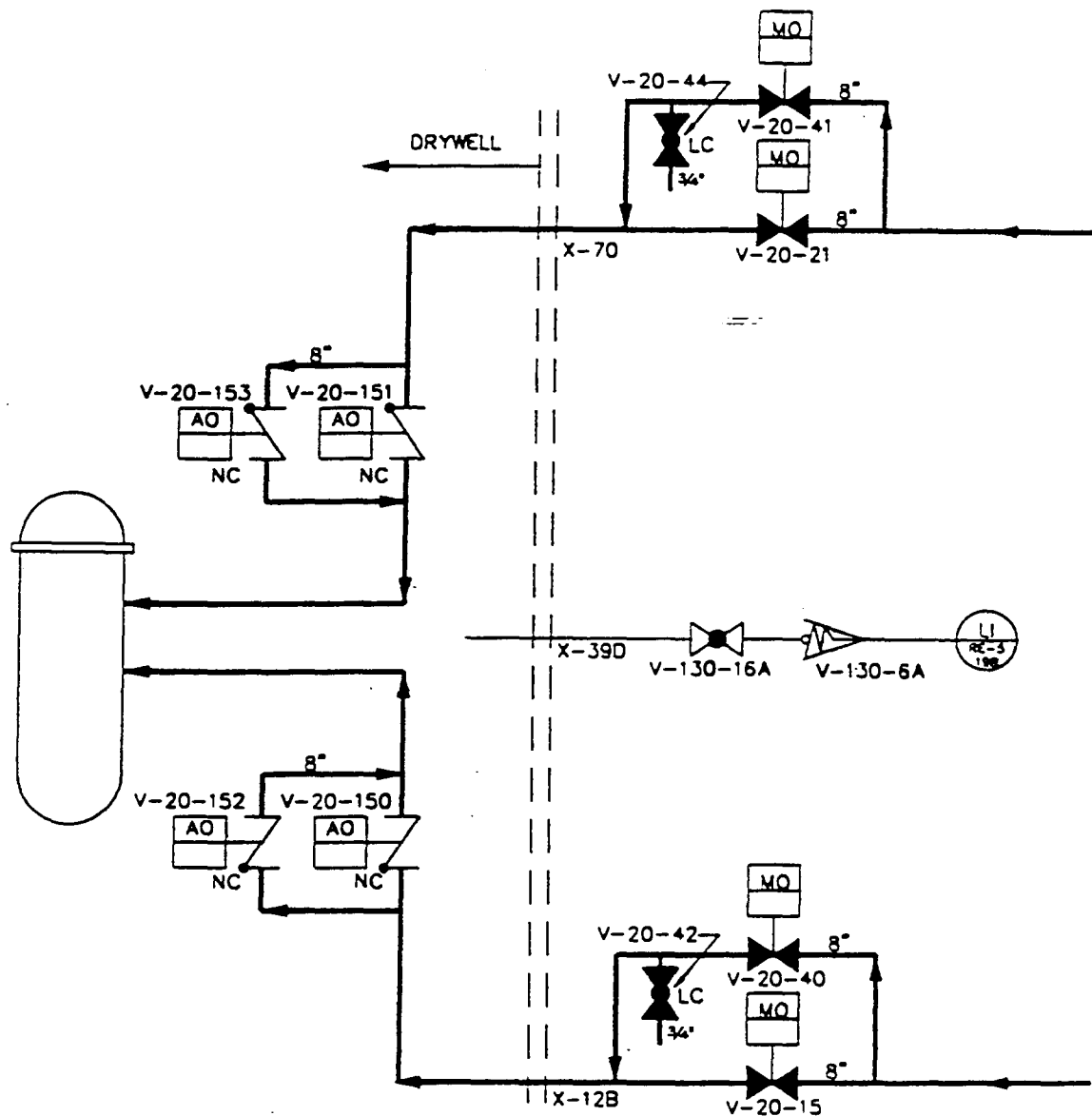
Update - 11

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



CORE SPRAY SYSTEM

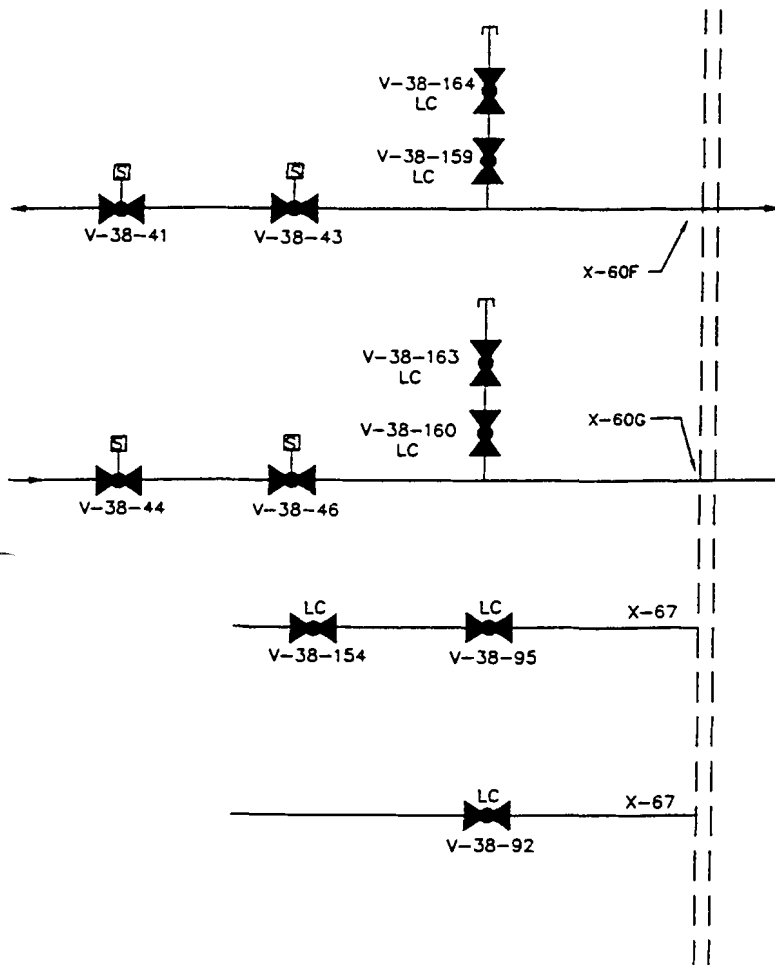


Update - 11
04/99

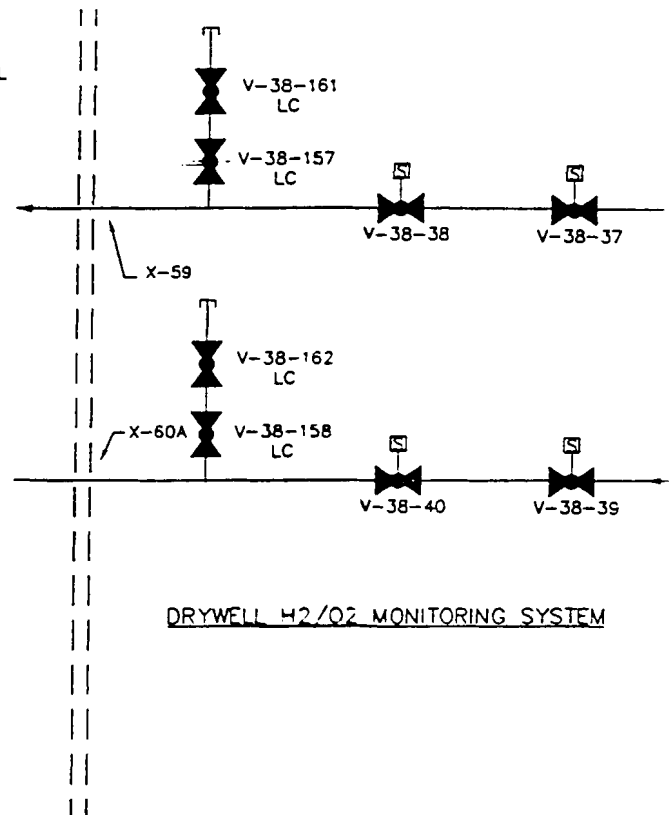
OYSTER CREEK
Containment Isolation Valves
Core Spray

148F712, 885D781, M0012

Fig. 6.2-56



DRYWELL



DRYWELL H₂/O₂ MONITORING SYSTEM



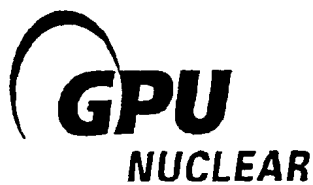
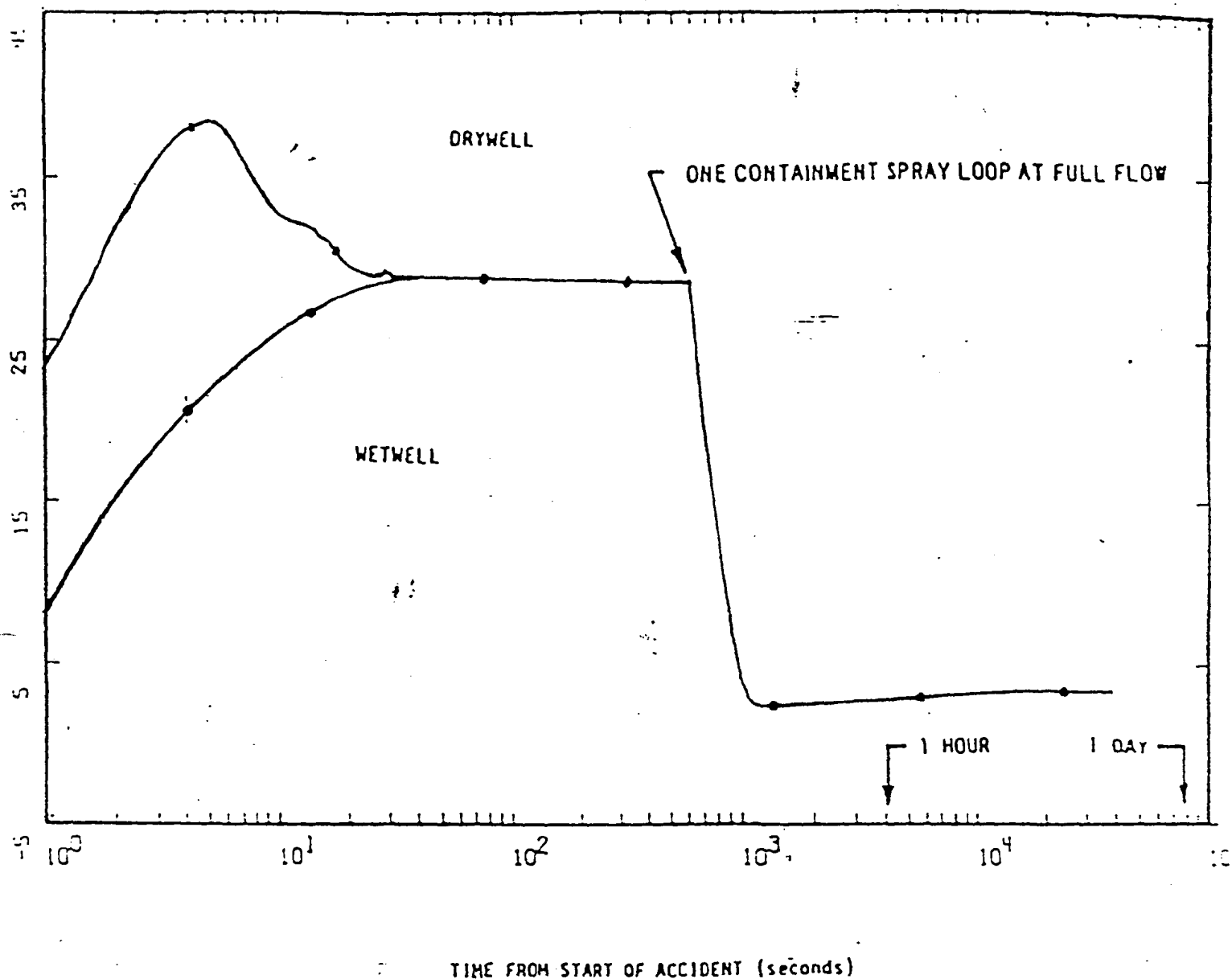
Update - 11

04/99

OYSTER CREEK
Containment Isolation Valves
H₂/O₂ Monitoring

3E-666-21-1000

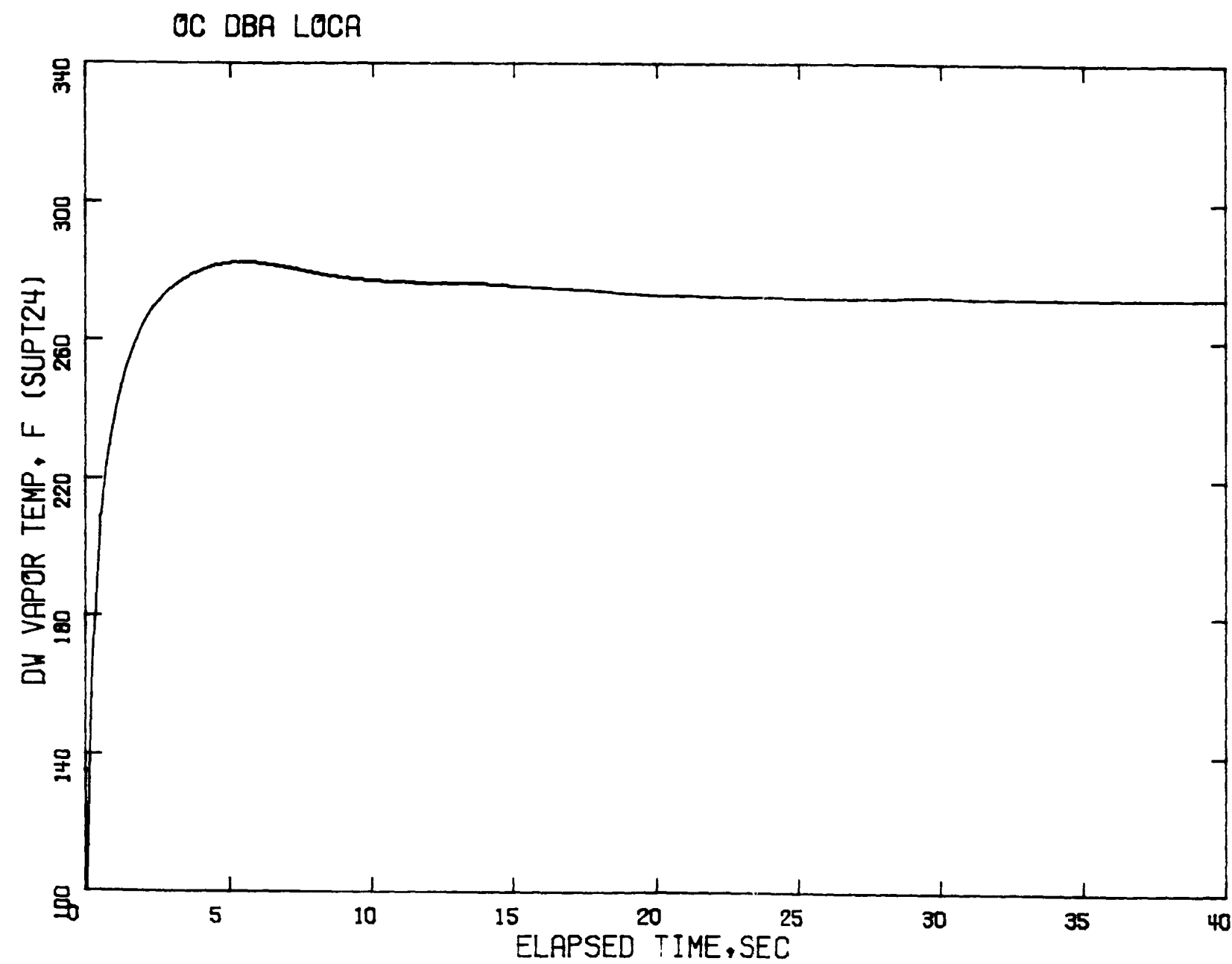
Fig. 6.2-57

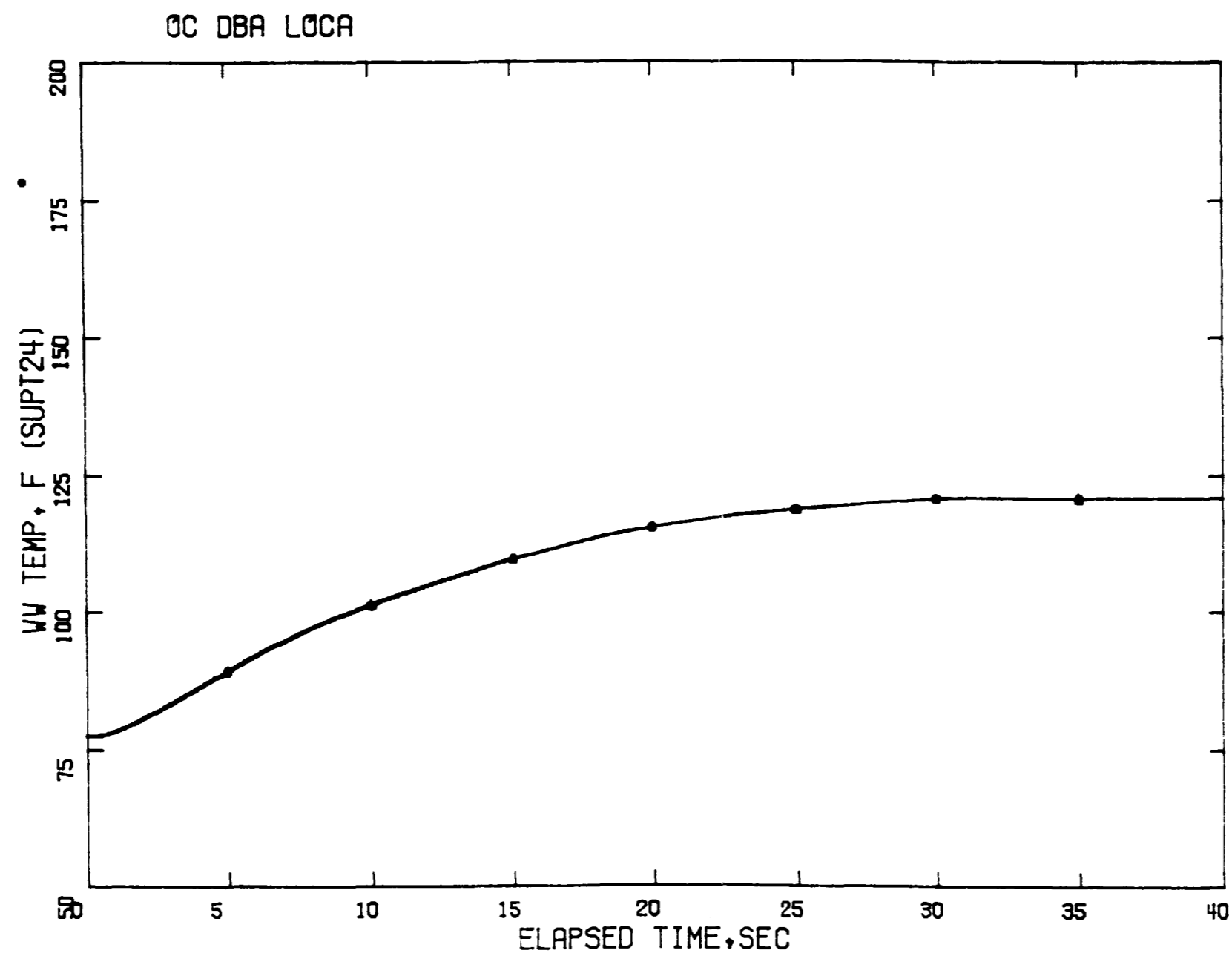


Primary Containment Pressure Following
Recirculation Line Break

UPDATE - 11
04/99

FIG. 6.2-58

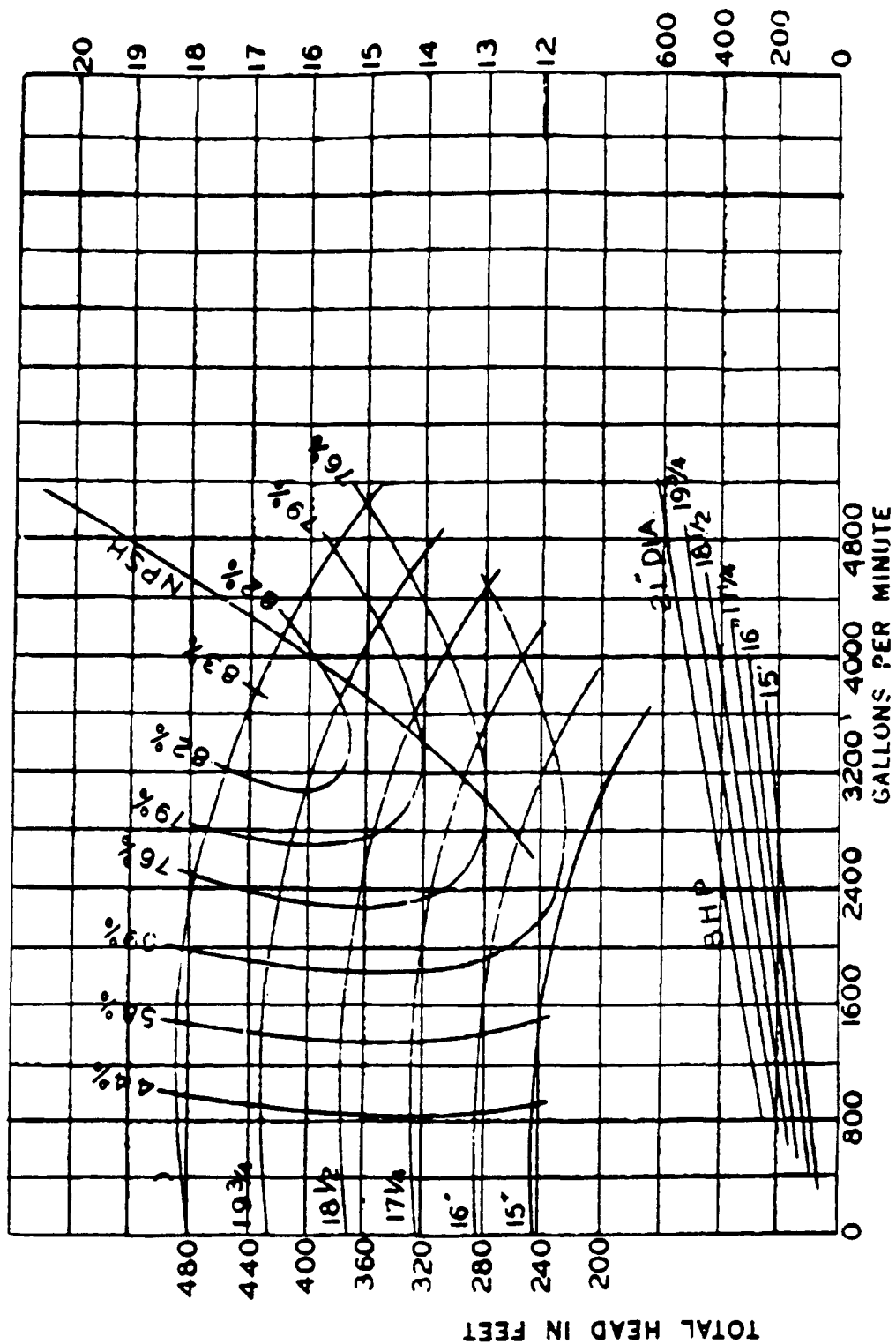




OCNGS UFSAR

Figures 6.3-1 through 6.3-3

Deleted



GPU Nuclear

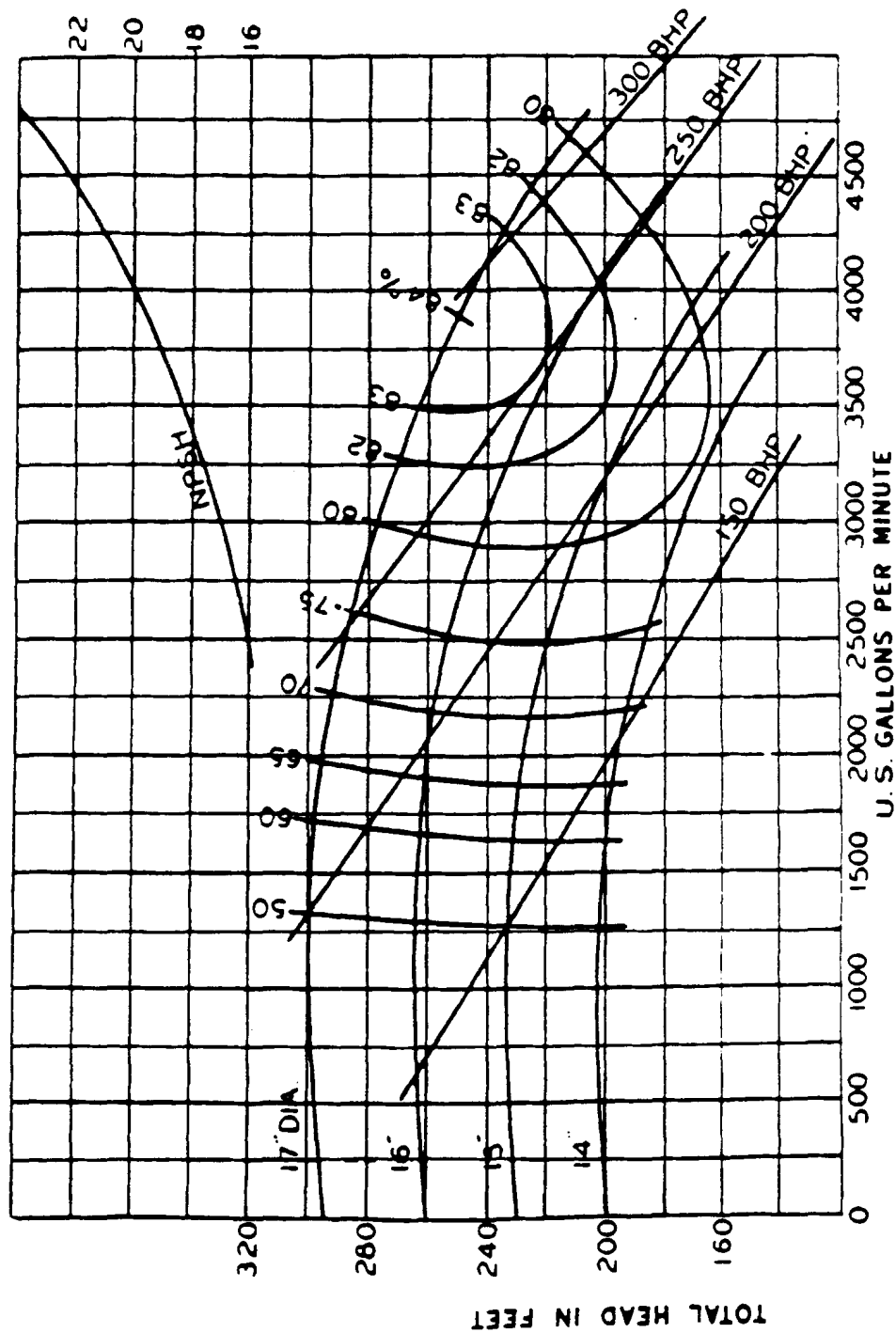
Oyster Creek

Core Spray Main Pumps Characteristic Curve

Update - 5

12/90

Fig. 6.3-4



GPU Nuclear

Update - 5

Oyster Creek

12/90

Core Spray Booster Pumps Characteristic Curve

Fig. 6.3-5

STEAM BREAKS

FEEDWATER-CONDENSATE SYSTEM

AUTO RELIEF

CORE SPRAY NO. 1

CORE SPRAY NO. 2

LIQUID BREAKS

FEEDWATER-CONDENSATE SYSTEM

AUTO RELIEF

CORE SPRAY NO. 1

CORE SPRAY NO. 2

0 .1 .2 1 2 3 4 5 6 7

Clear this area - No. 1 & 2 spray no. 1 & 2

SCALE CHANGES BREAK AREA ~ FT²

LIQUID BREAKS

clear - Need
area - for
both crops to
grow and
breeding

SCALE CHANGES BREAK AREA ~ FT²

OCNGS UFSAR

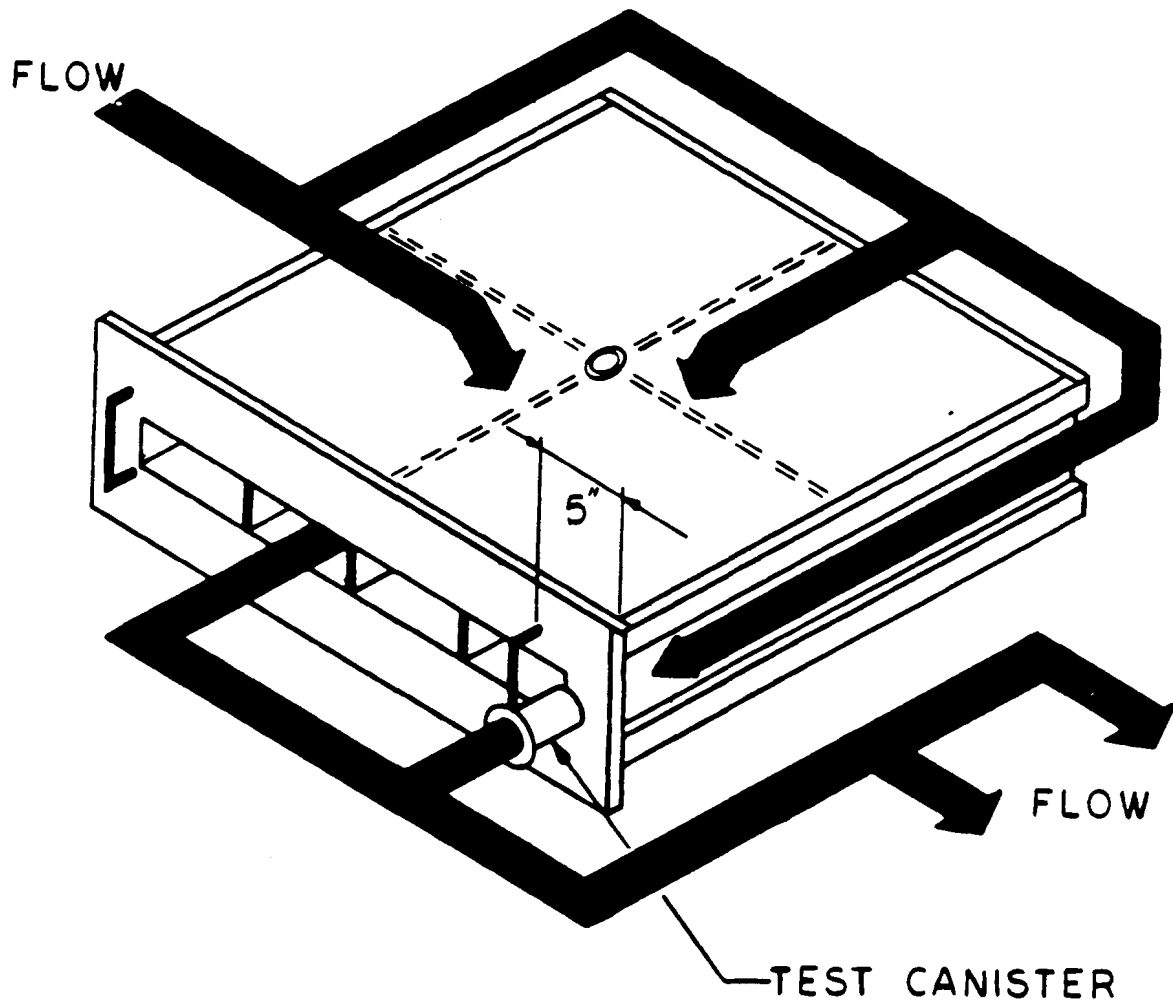
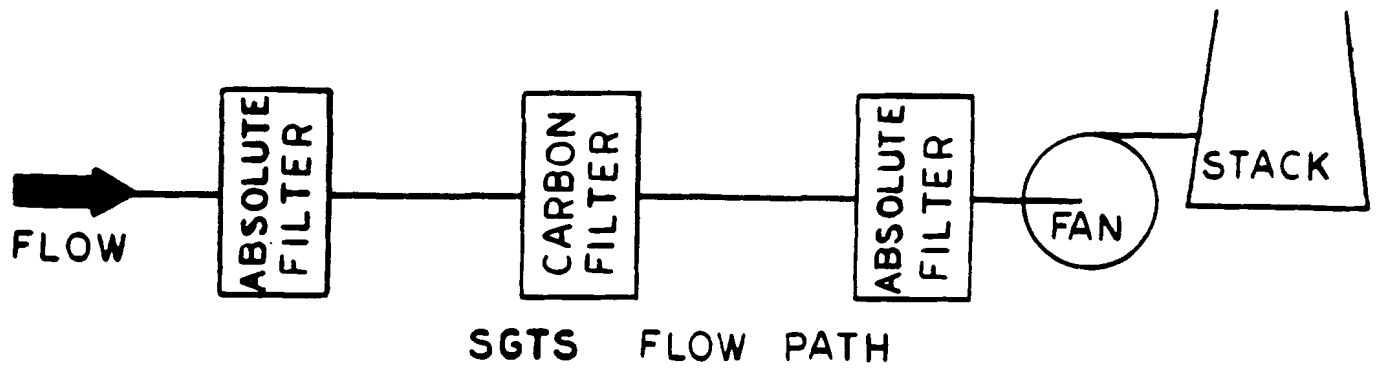
Figures 6.4-1 through 6.4-2

Deleted

OCNGS UFSAR

Figures 6.5-1A through 6.5-1B

Deleted



GPU Nuclear

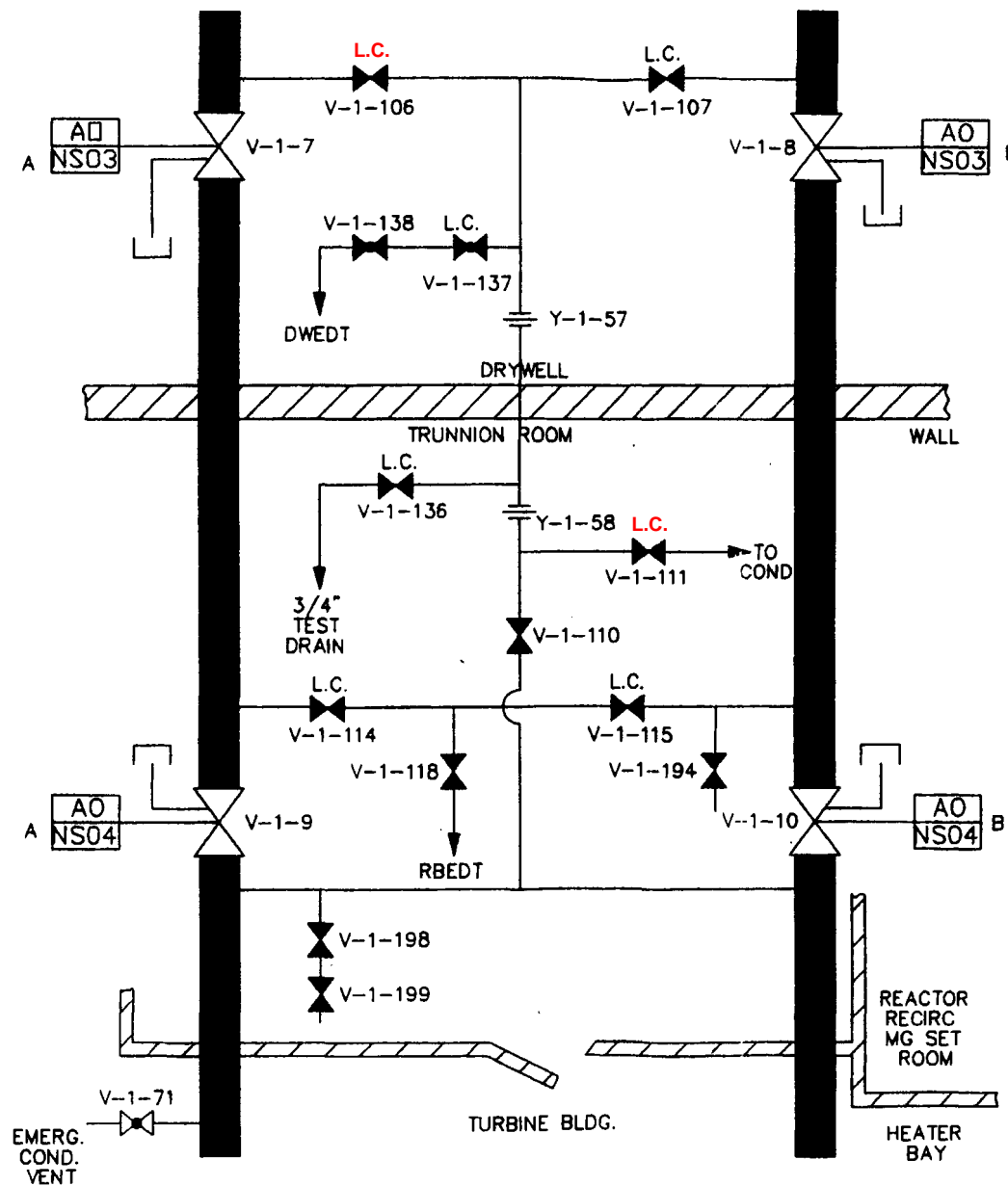
Update - 5

Oyster Creek

12/90

Charcoal Tray & Test Canister 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