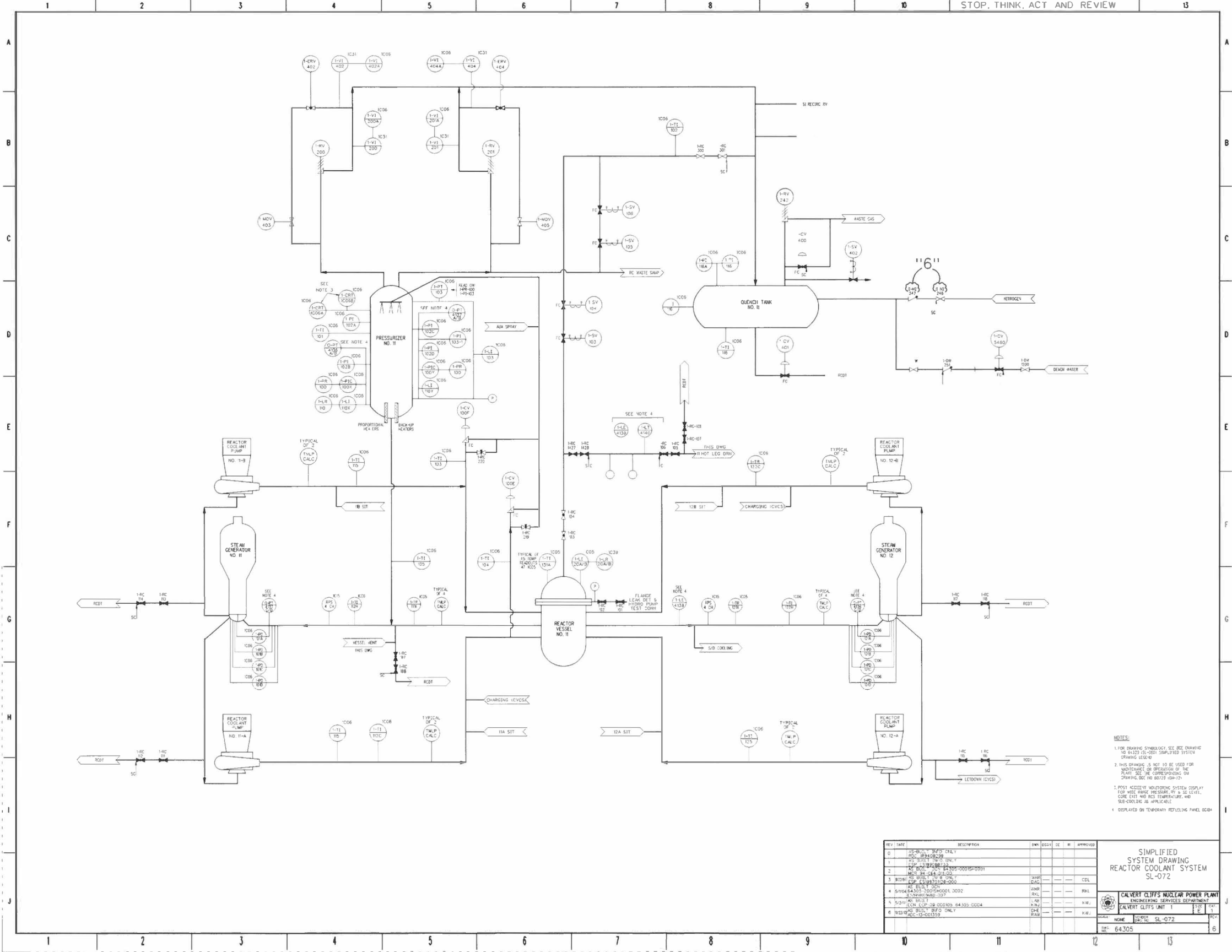
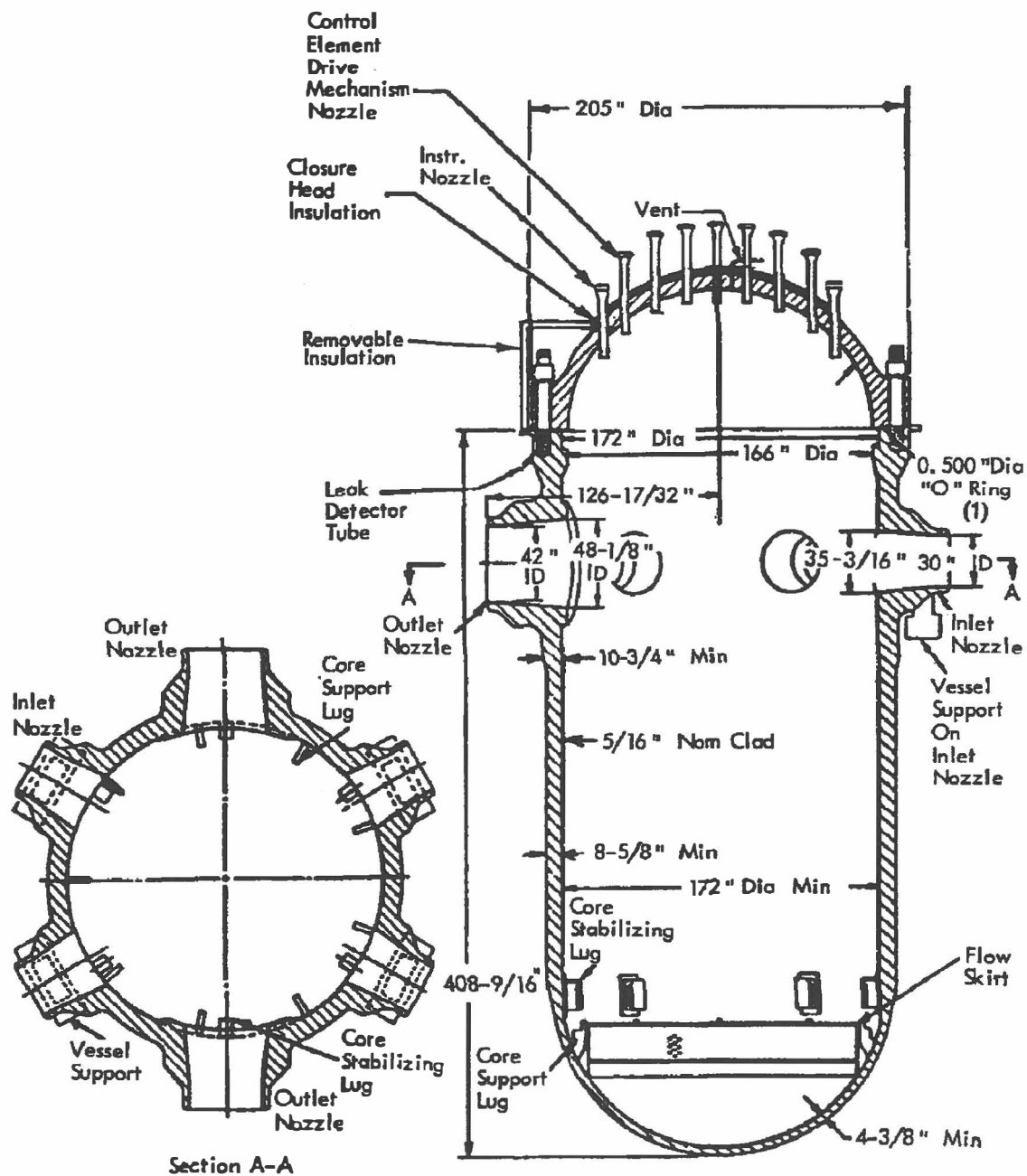
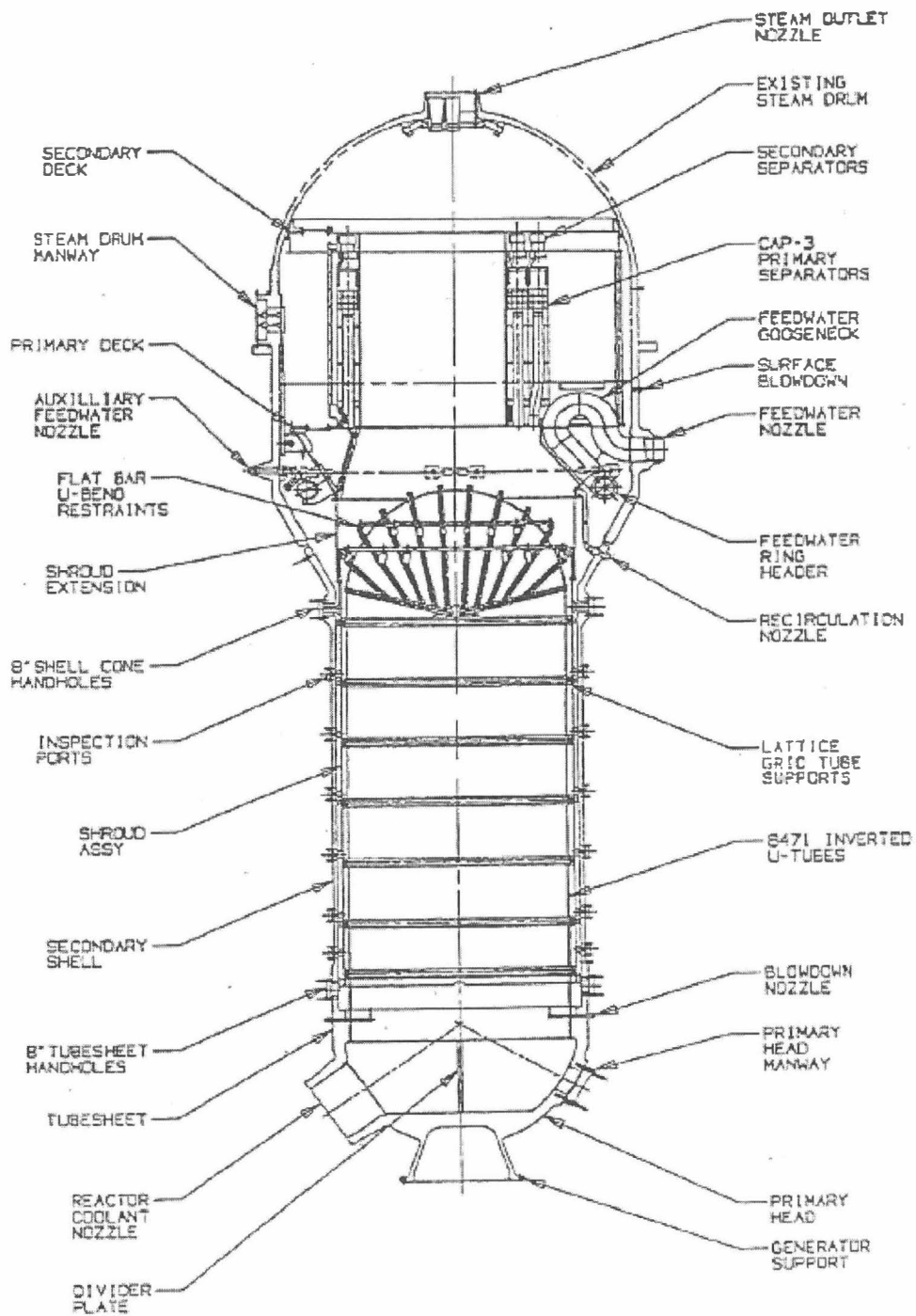


FIGURE 4-1 REACTOR COOLANT SYSTEM – UNIT 1





(1) The actual dimension depends on manufacturer's design and manufacturing tolerances.

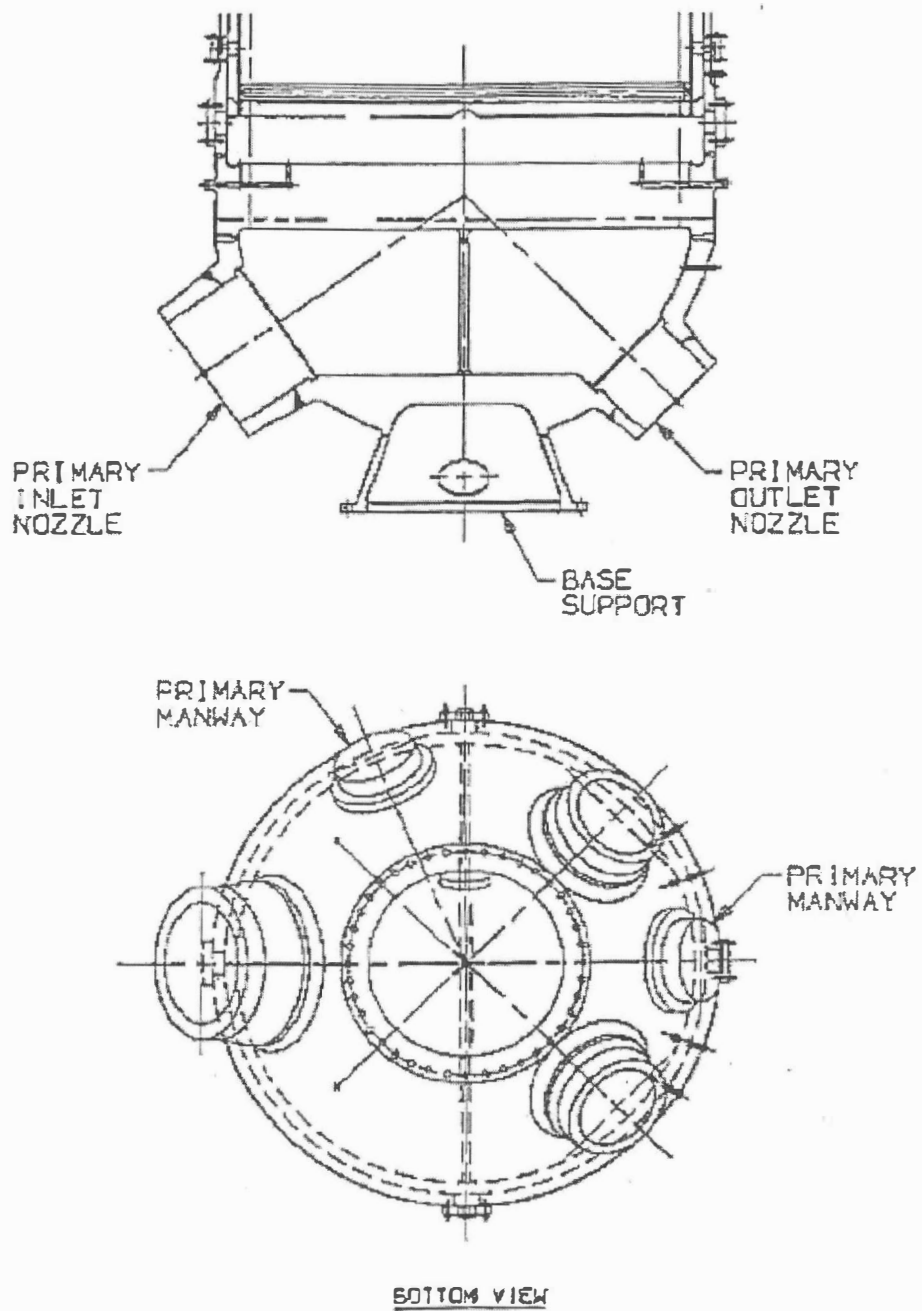


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STEAM GENERATOR PROFILE VIEW

Figure 4-3A

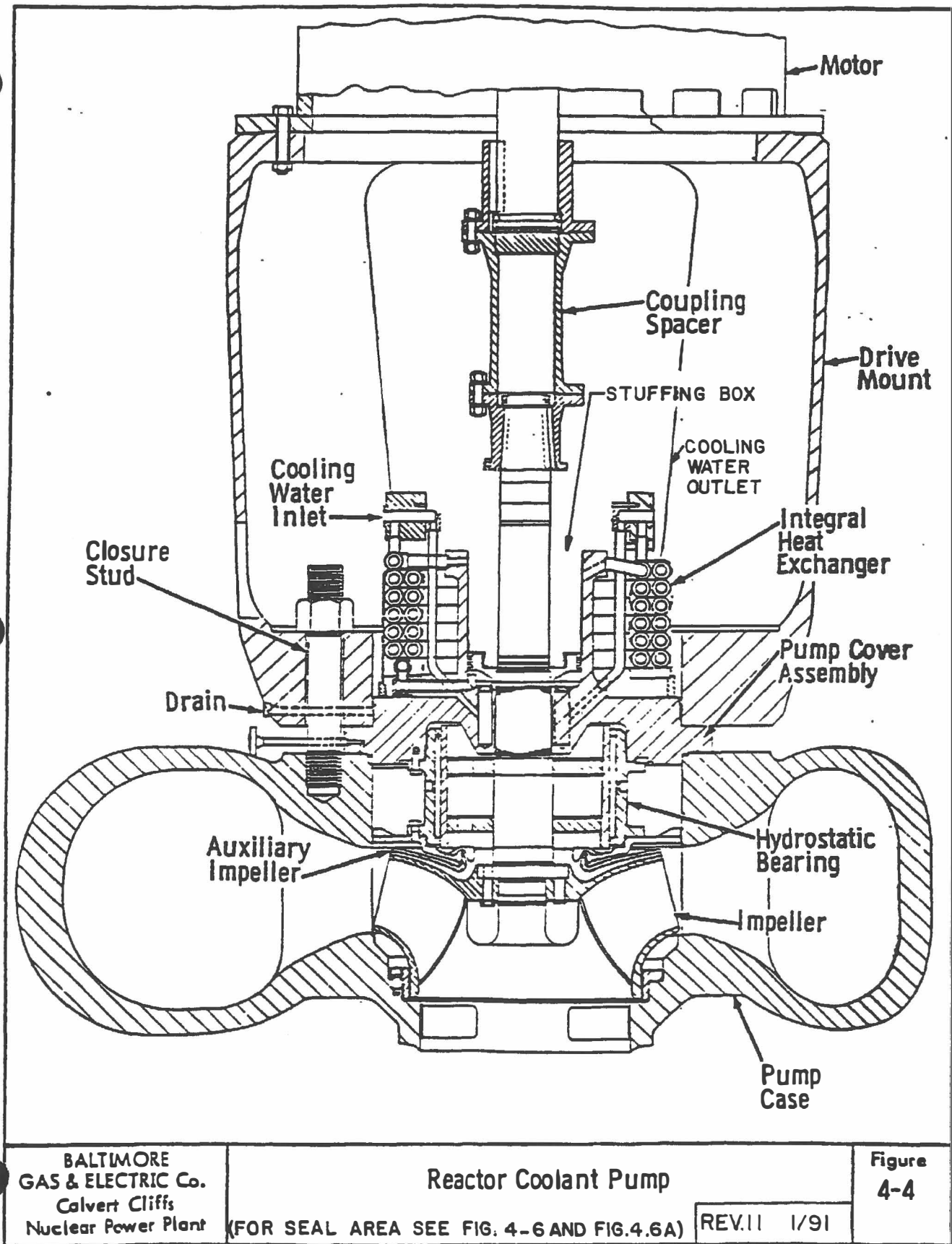
Revision 33

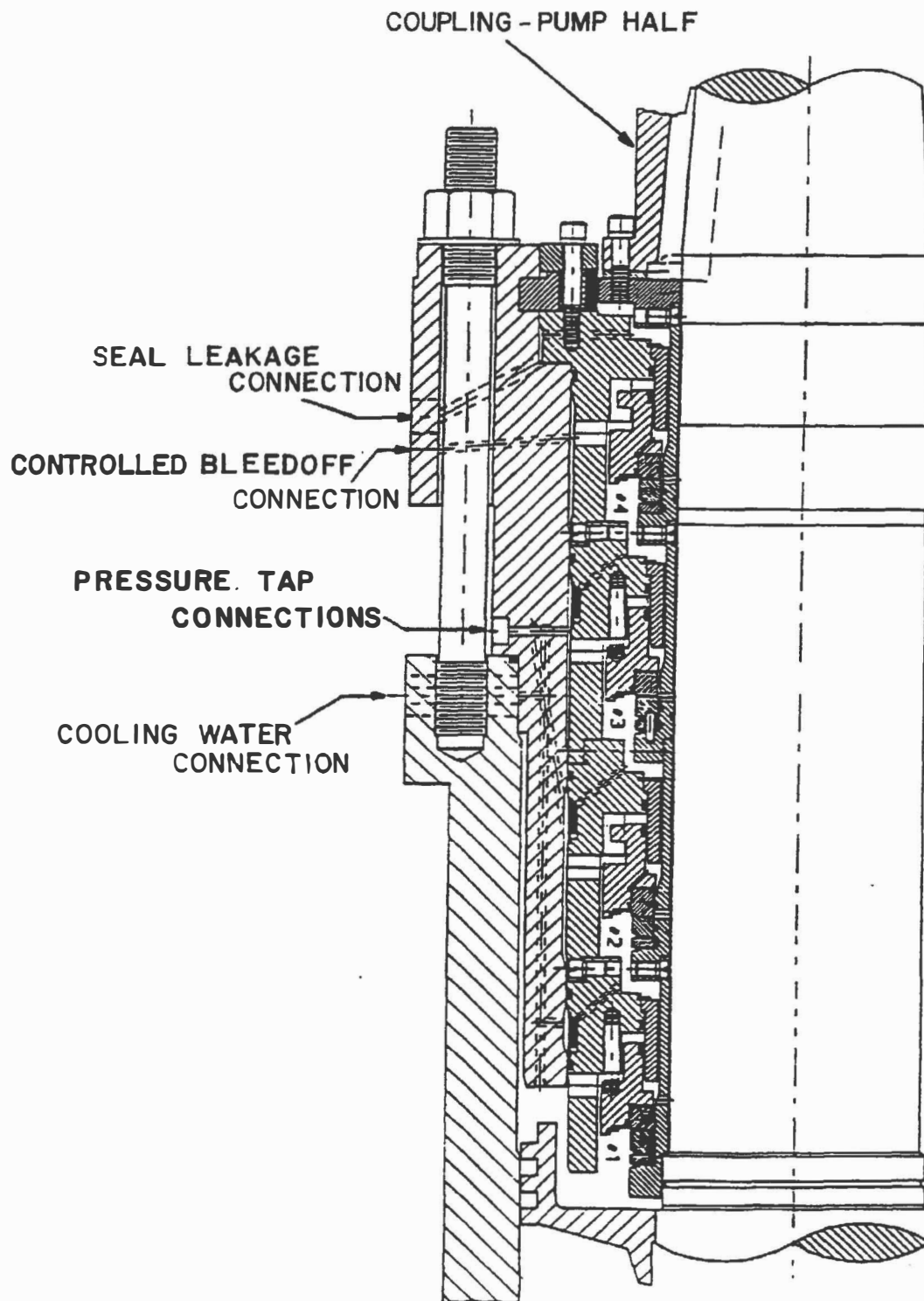


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STEAM GENERATOR PRIMARY HEAD DESIGN

Figure 4-3B
Revision 33





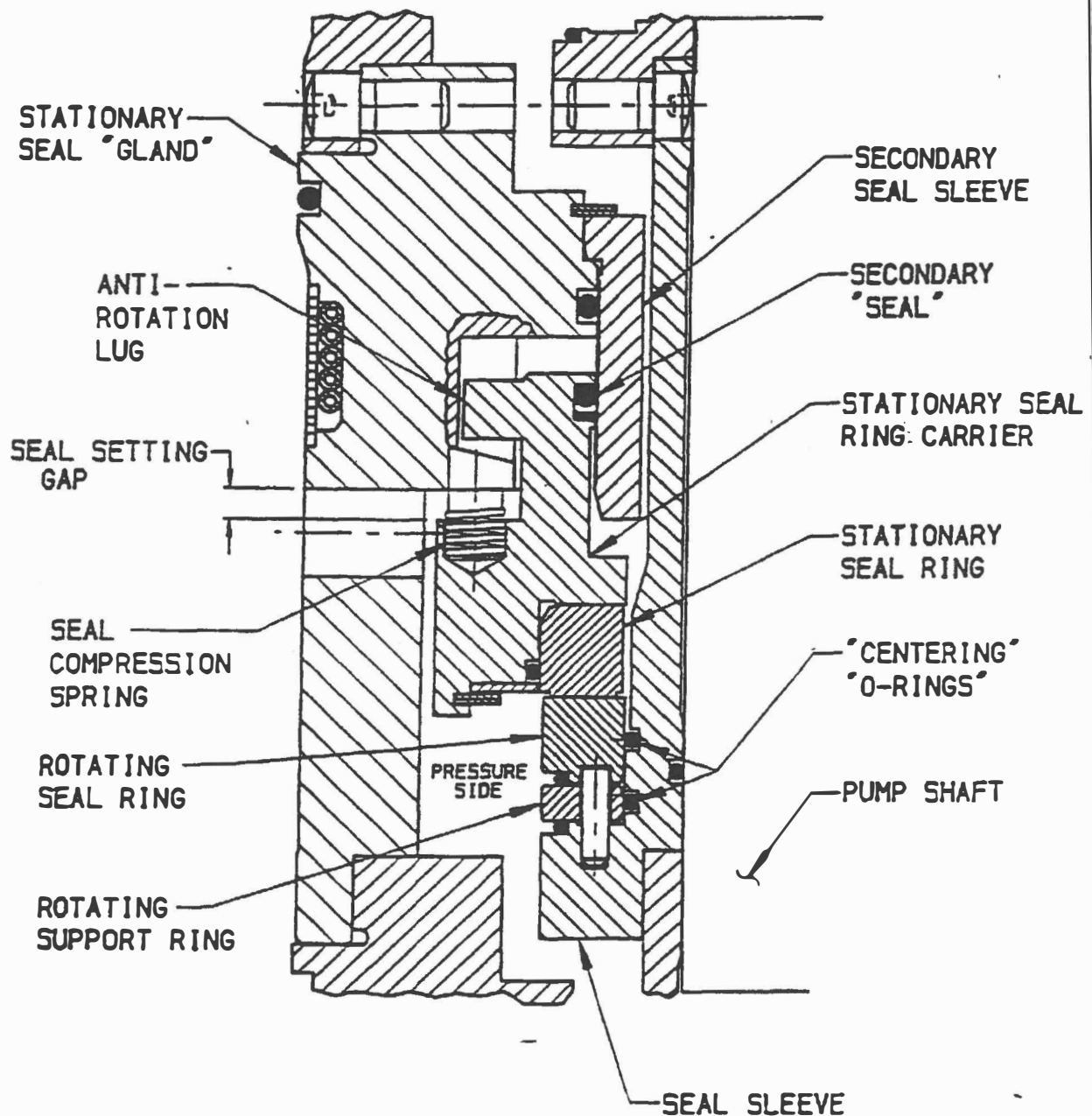
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Reactor Coolant Pump - Seal Area

REV.11 1/91

Figure
4-6

BALANCED STATOR™ SEAL DESIGN FEATURES

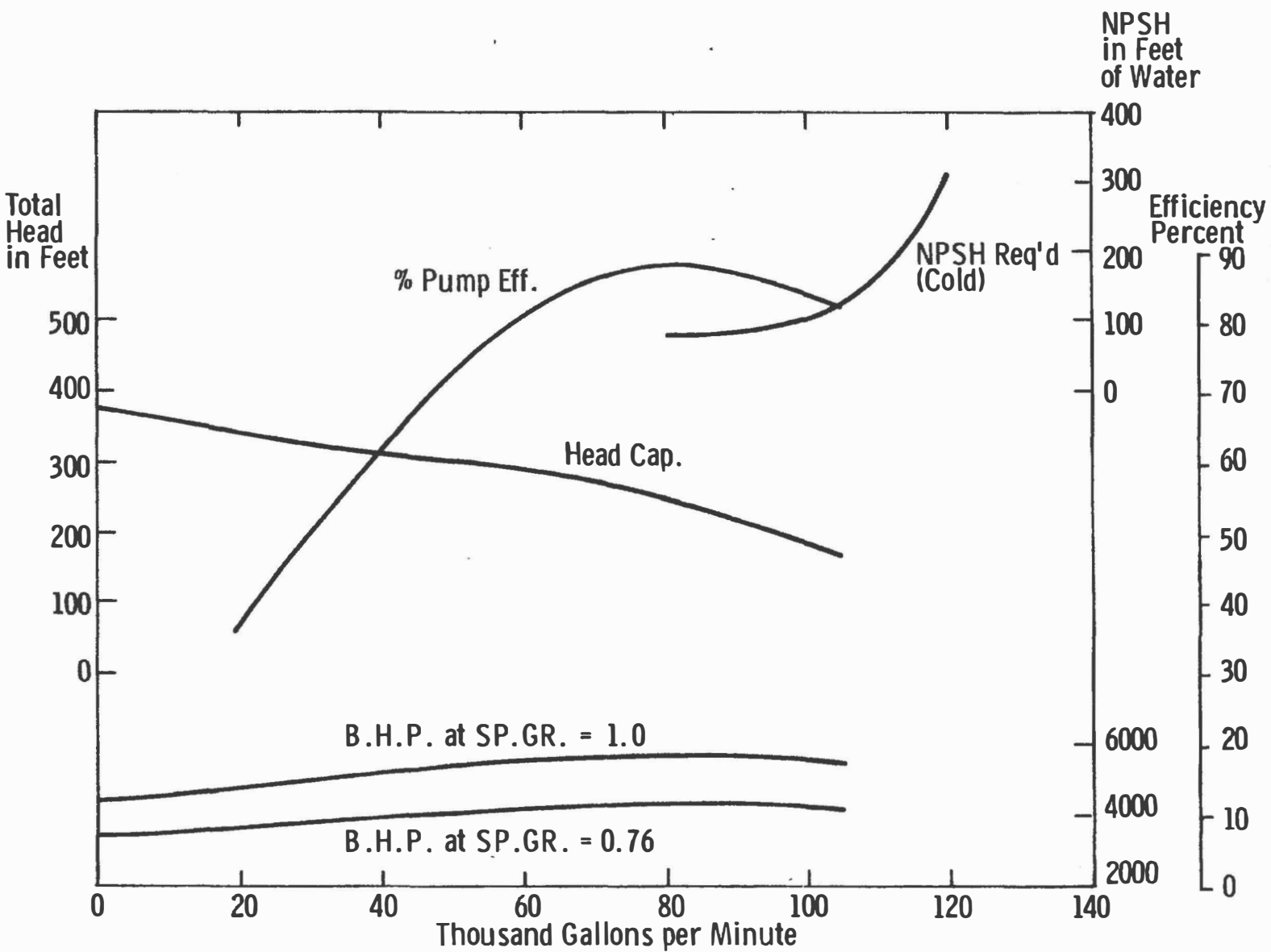


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Reactor Coolant Pump - Seal Area

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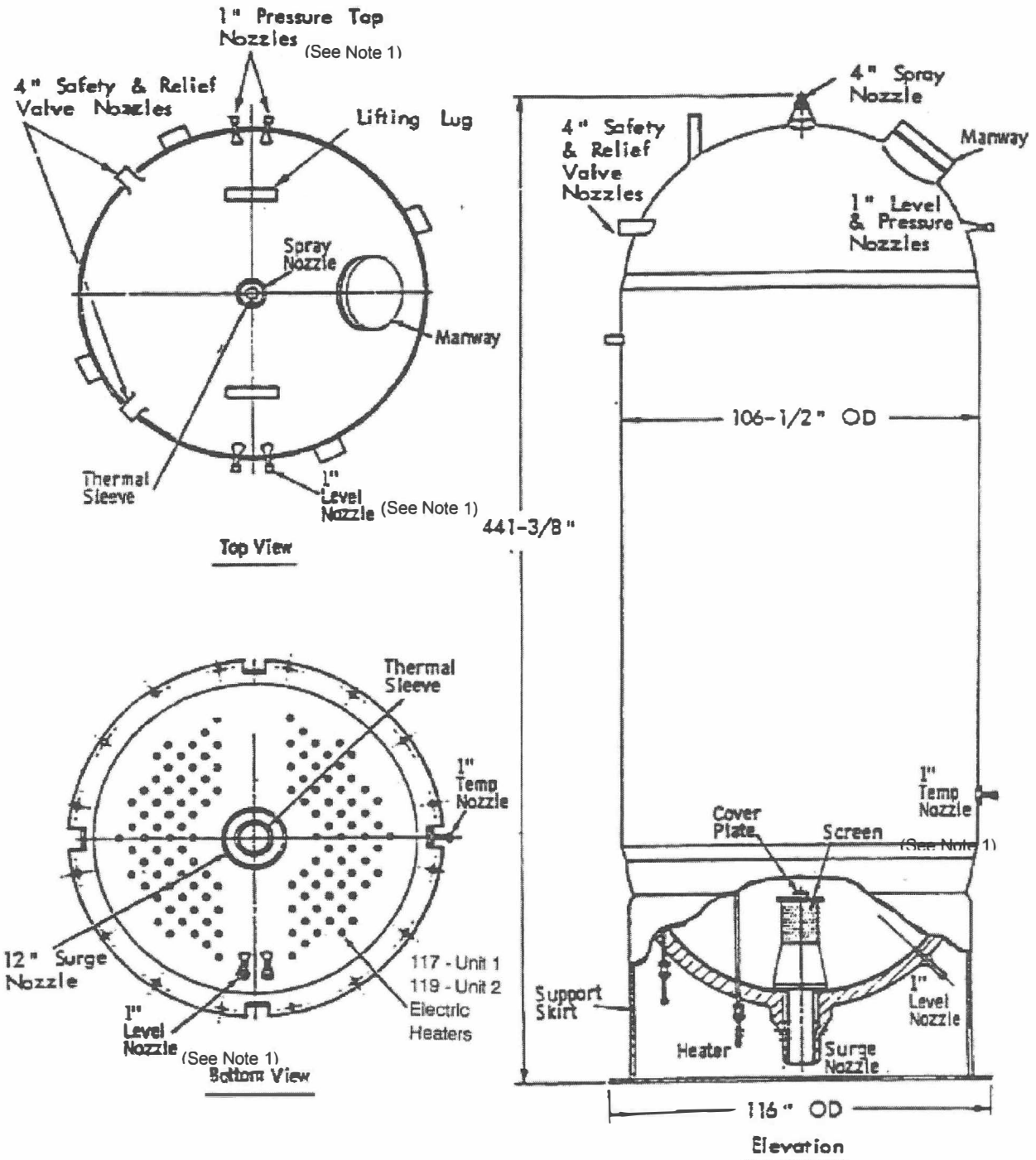
Figure
4-6A



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Reactor Coolant Pump Performance

Figure
4-7



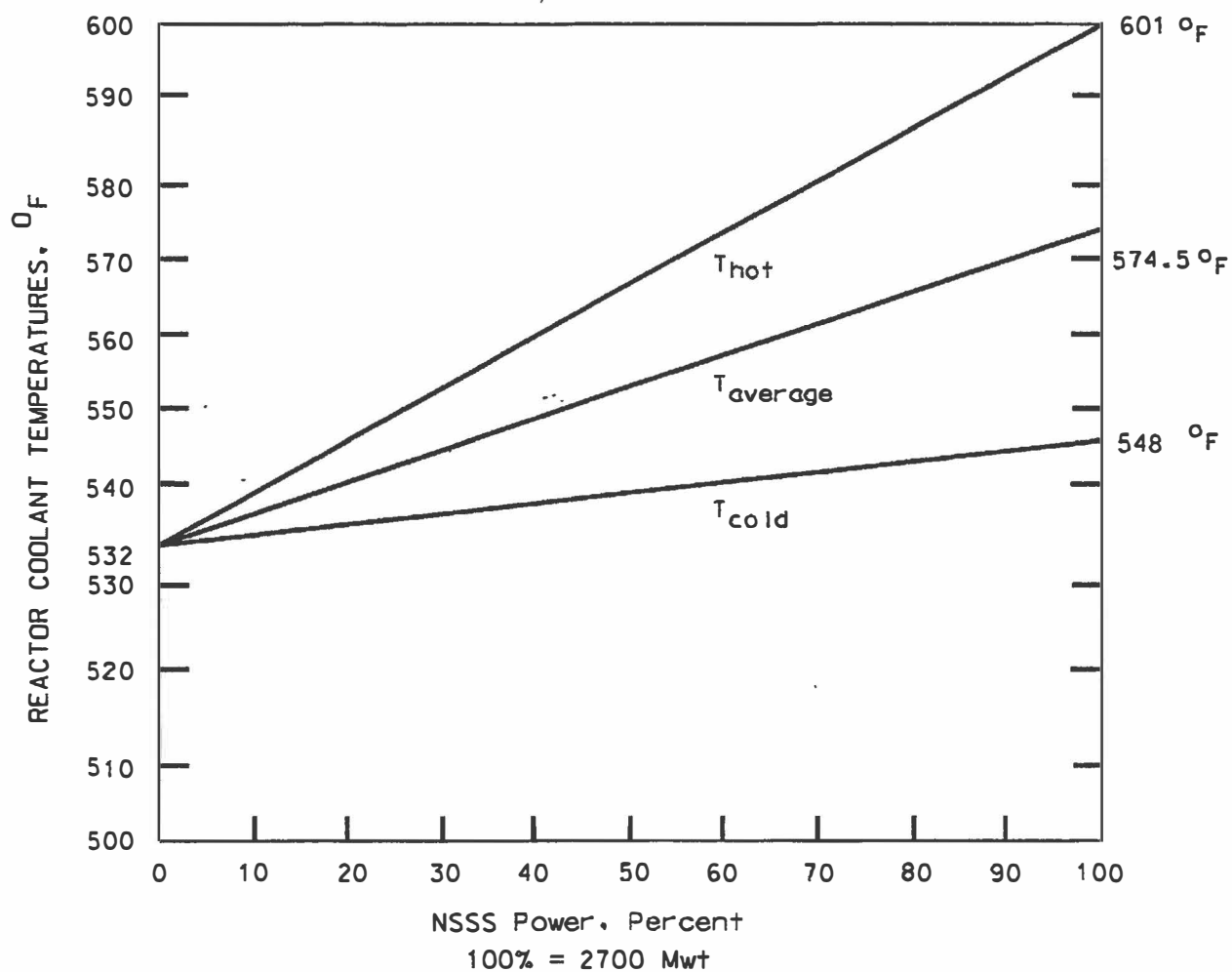
Note 1: Mechanical nozzle seal assemblies may be installed on the 1" instrument nozzles in place of the "J-Groove" welds. There are restrictions for use on leaking nozzles. See Safety Evaluation for NRC Code Relief Request approval dated August 7, 2002.

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PRESSURIZER

Figure 4-8

Revision 33

**NOTE:**

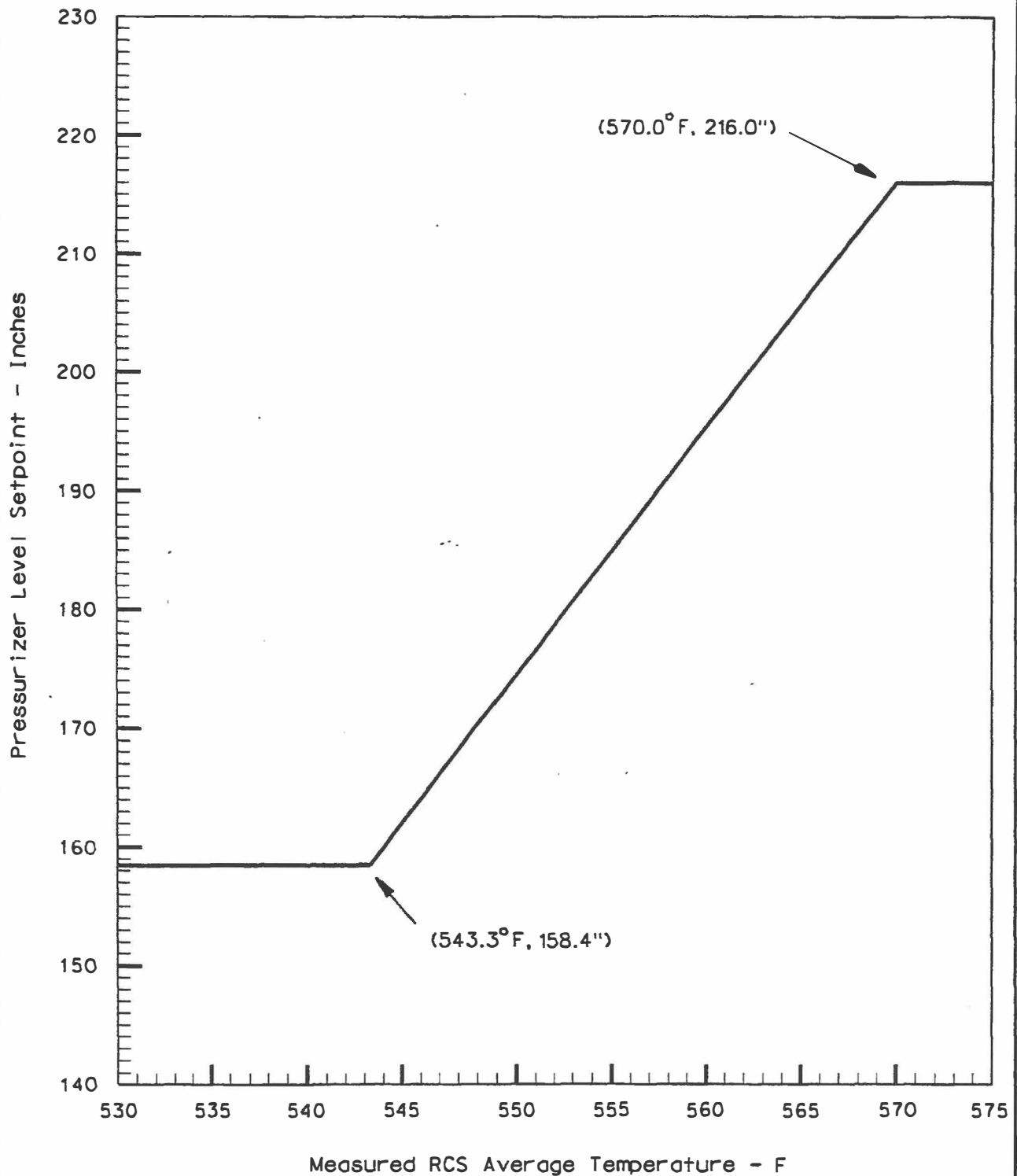
THIS FIGURE SHOWS MAXIMUM T_{hot} AND $T_{average}$
ASSUMING MINIMUM RCS FLOW.

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TEMPERATURE CONTROL PROGRAM

REV.
24

Figure
4-9

**NOTE:**

THE PRESSURIZER LEVEL SET POINT PROGRAM MAY BE ADJUSTED FOR THE INCREASE IN T_{ave} CAUSED BY SG TUBE PLUGGING.

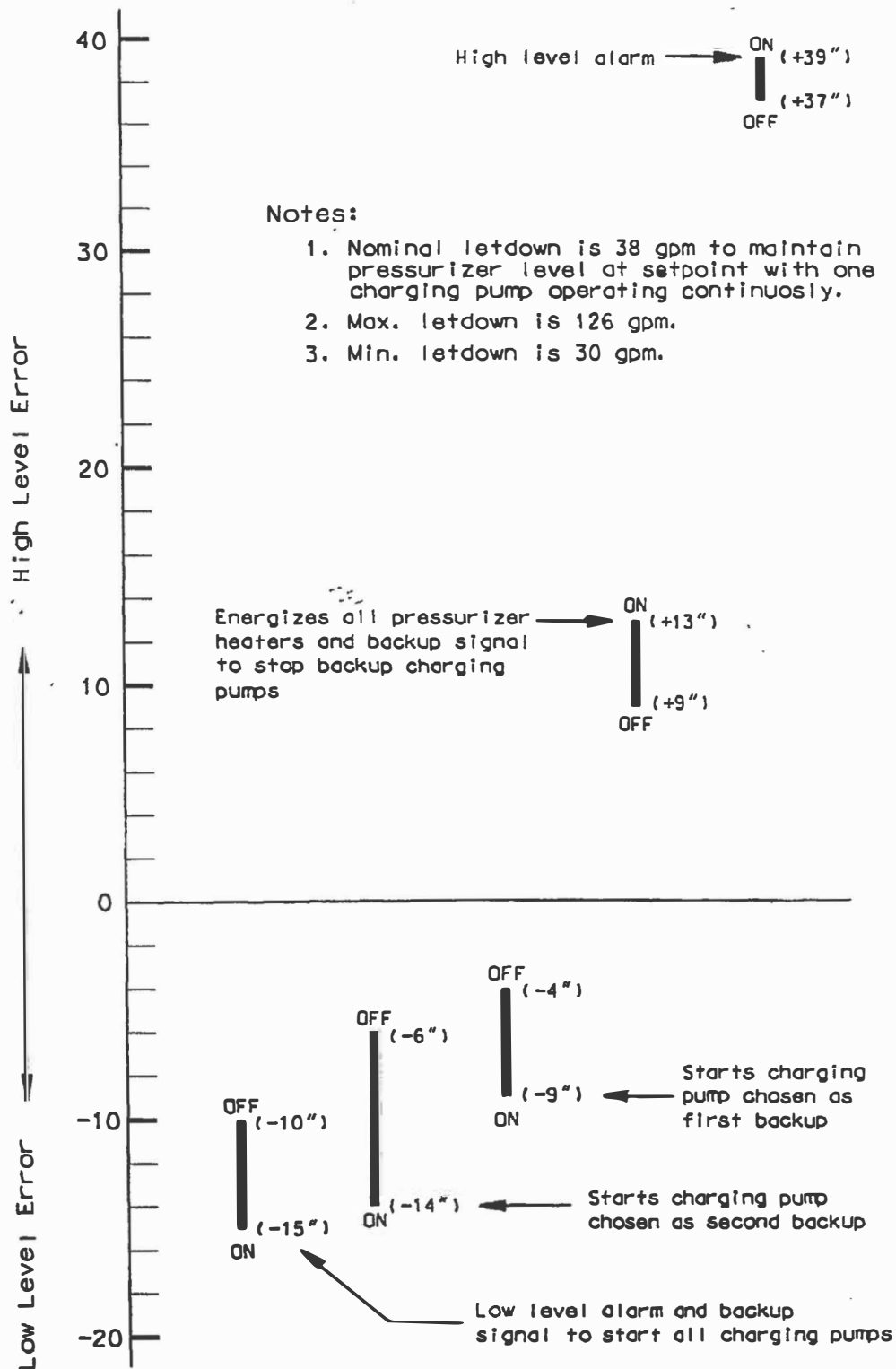
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Pressurizer Level Set Point Program

Figure
4-10

Pressurizer Level Error, Inches
(Deviation of Measured Level from Level Setpoint)

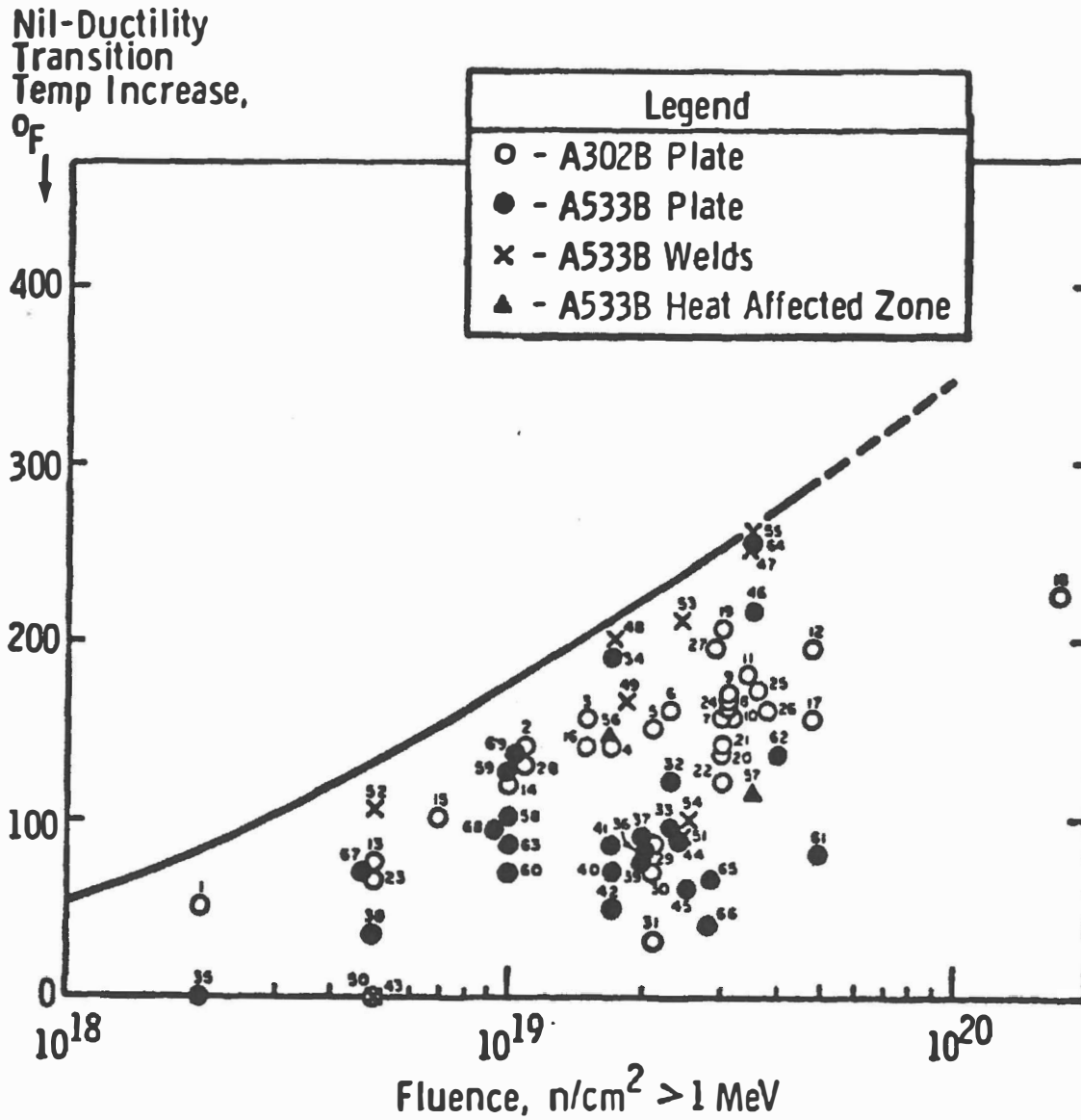


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Pressurizer Level Control Program

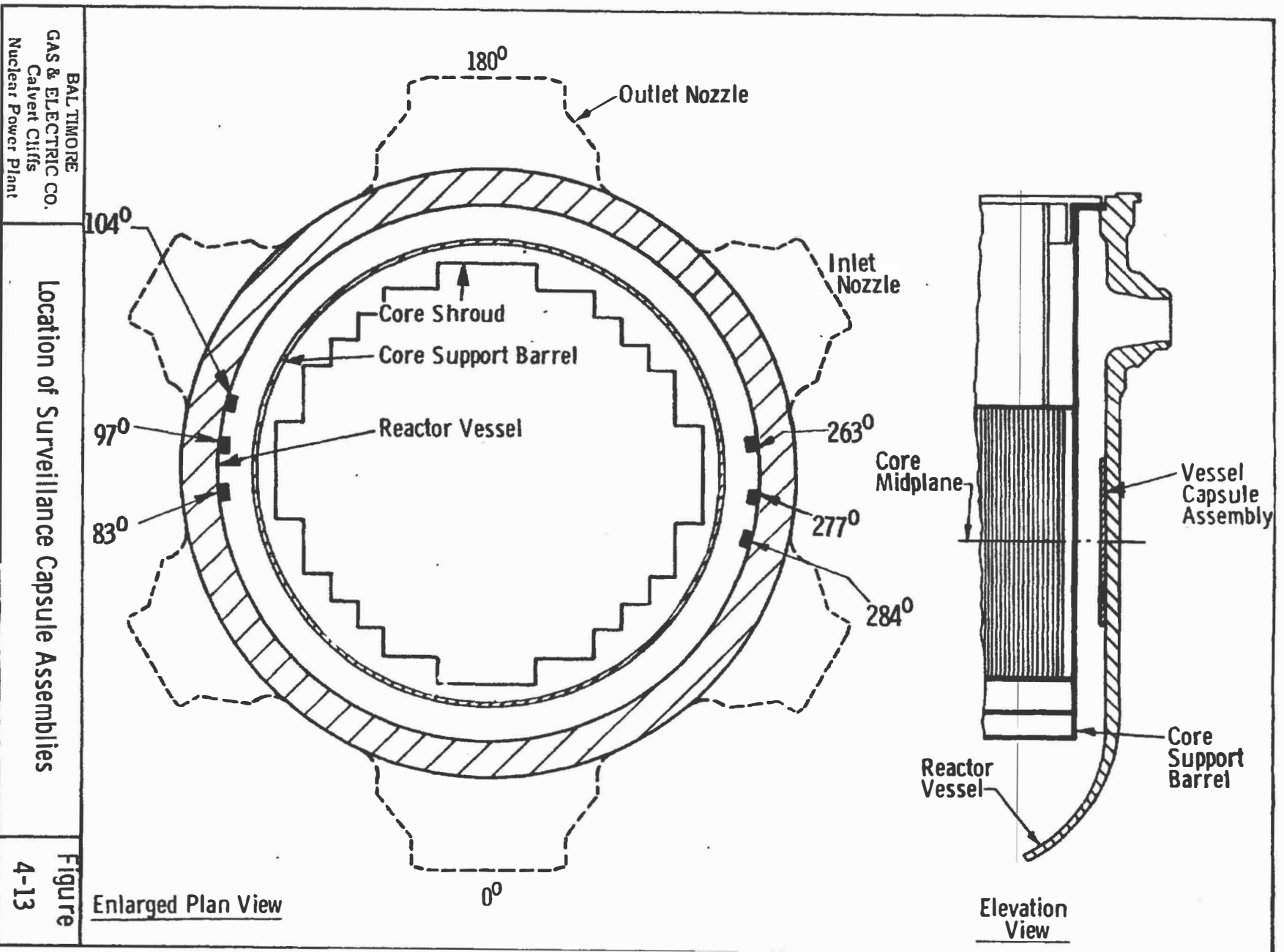
Figure
4-11

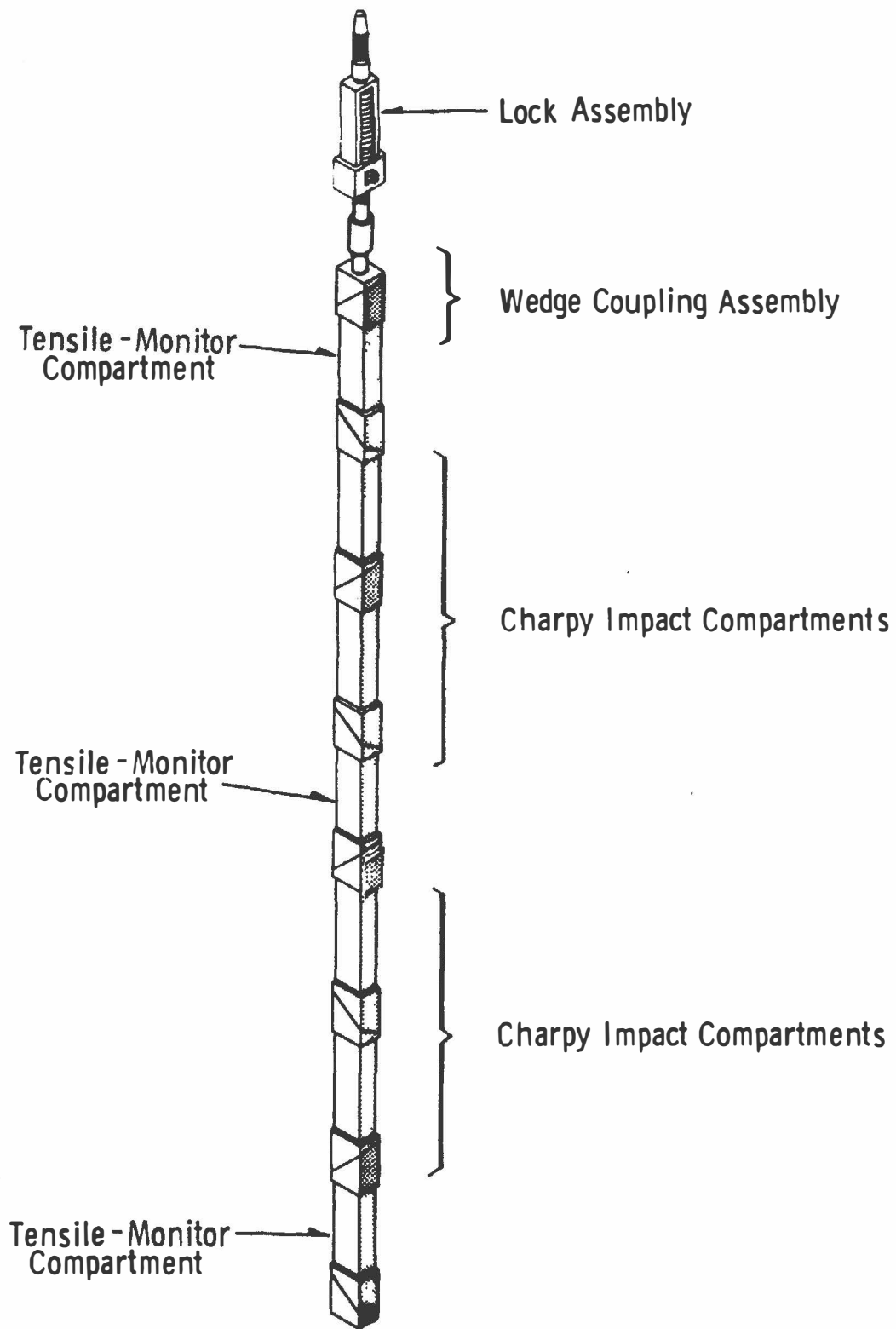


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C-E Design Curve of NDTT Increase
(550°F Irradiation)

Figure
4-12

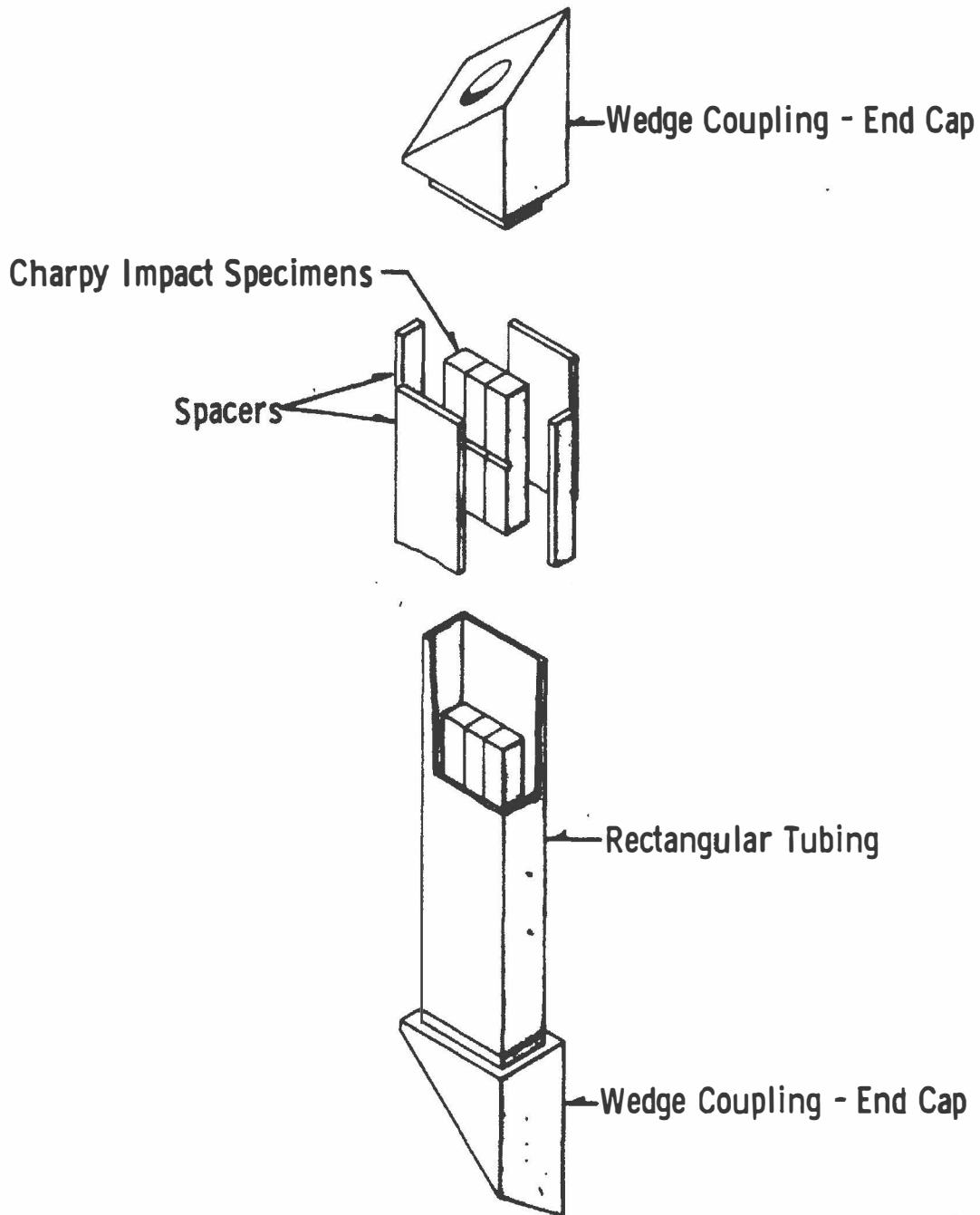




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Typical Surveillance Capsule Assembly

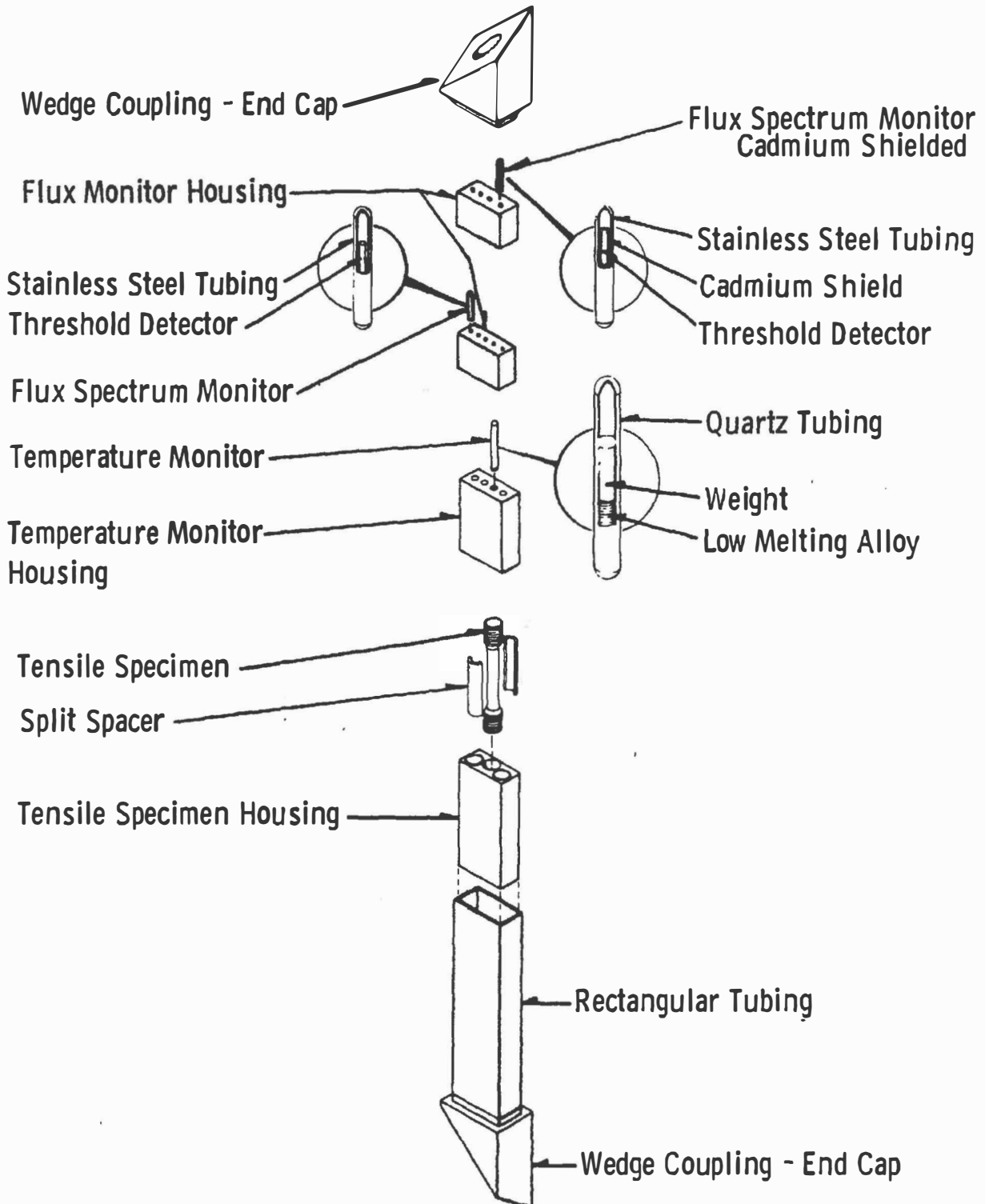
Figure
4-14



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Typical Charpy Impact Compartment Assembly

Figure
4-15



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Typical Tensile-Monitor Compartment Assembly

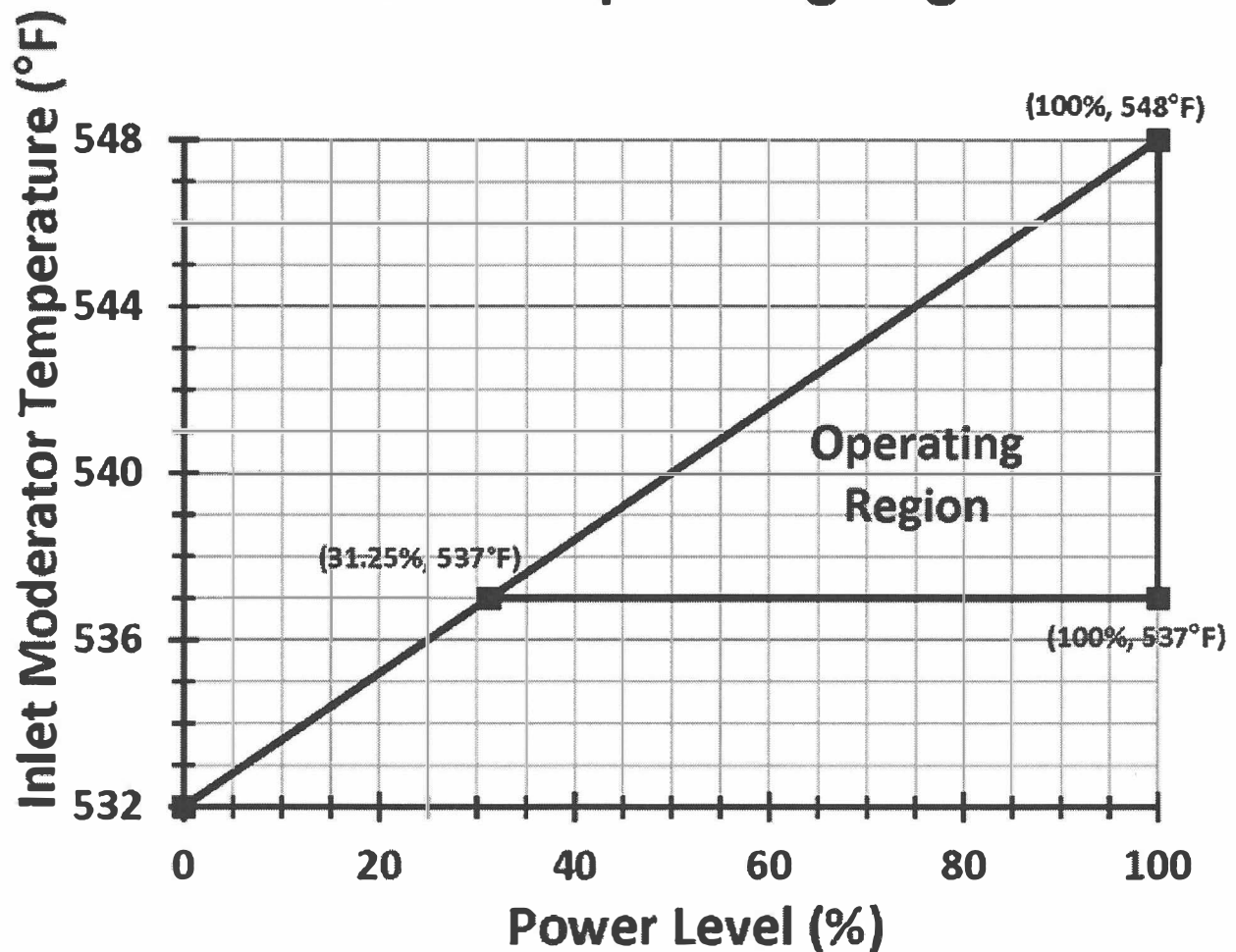
Figure
4-16

STOP, THINK, ACT AND REVIEW



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Coastdown Operating Region



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Plant

CALVERT CLIFFS
COASTDOWN OPERATING REGION

Figure 4-18

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