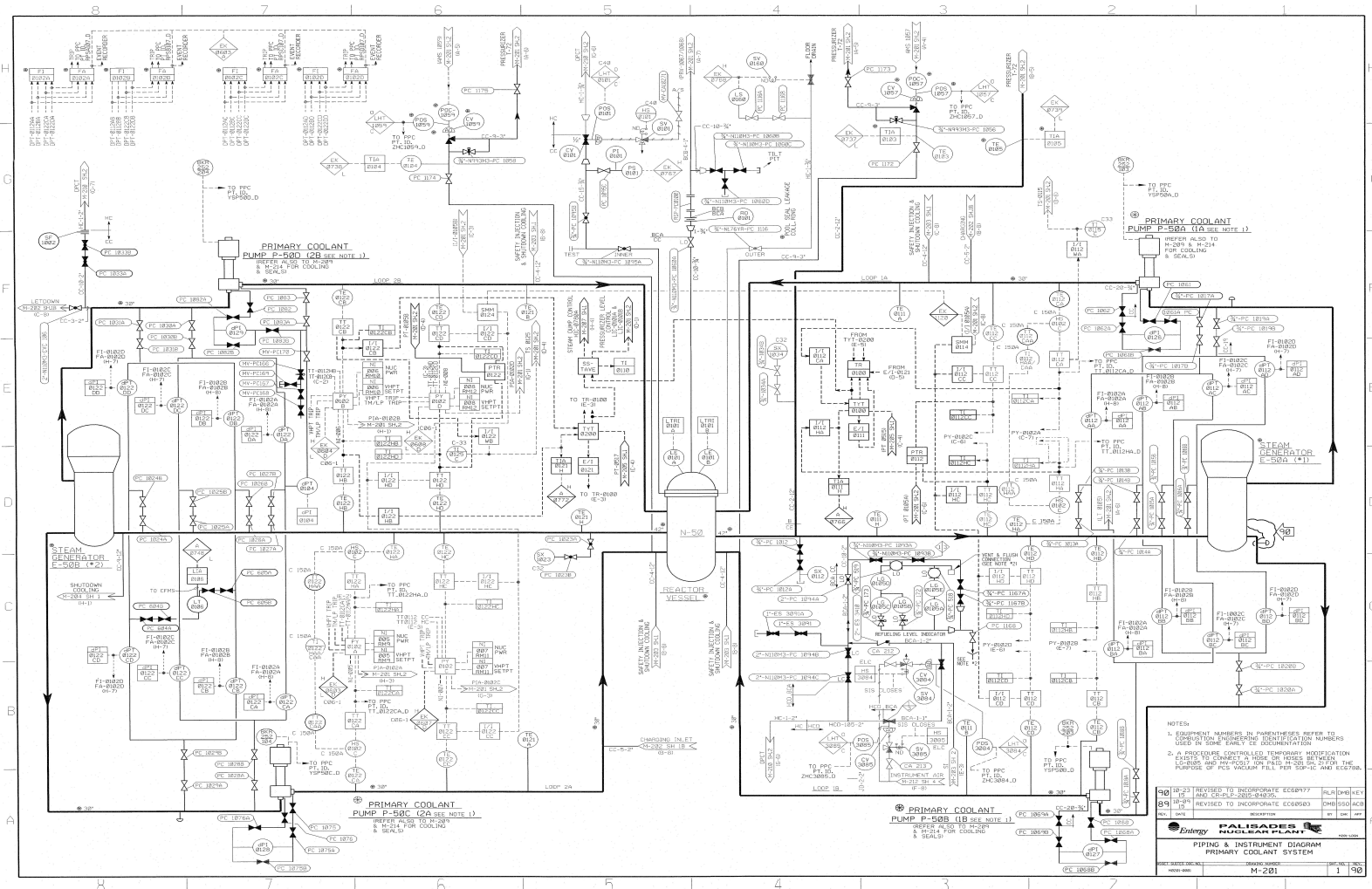


PIPING AND INSTRUMENTATION DIAGRAM  
PRIMARY COOLANT SYSTEM



8 7 6 5 4 3 2 1

1. MY-PC164B & MY-PC165B ARE PART OF ANDERSON - GREENWOOD INSTRUMENT MANIFOLD INSTALLED ON LT-0105.

2. A PROCEDURE CONTROLLED TEMPORARY MODIFICATION EXISTS TO CONNECT A HOSE BETWEEN MY-04W4 AND CONNECTIONS ON THE CONTAINMENT SPRAY HEADER FOR THE PURPOSE OF FILLING THE HEADER. (REFER TO ESS-1.)

3. DELETED PER DCR 03-303

4. A PROCEDURE CONTROLLED TEMPORARY MODIFICATION EXISTS TO CONNECT A HOSE AND A VACUUM SKID TO MY-PC165B AND TO CONNECT A HOSE OR HOSES BETWEEN MY-PC167 AND LG-0105 (ON PAID M-201 SH-1) FOR THE PURPOSE OF PCS VACUUM FILL PER SOP-1E AND ESS78B.

REV.	DATE	DESCRIPTION	BY	CHKD.
68	05-22-17	REVISED TO INCORPORATE EC77965.	RLP	JPM
67	10-21-15	REVISED TO ADD QUICK DISCONNECT PER EC47865.	DNE	LJW

Entergy  
PALISADES NUCLEAR PLANT  
PIPING & INSTRUMENT DIAGRAM  
PRIMARY COOLANT SYSTEM  
M-201

68	05-22 17	REVISED TO INCORPORATE EC71965.	RLR	JPM	DN
67	08-21 15	REVISED TO ADD QUICK DISCONNECT PER EC47885	DMB	JJA	AW
PERL	DATE	DESCRIPTION	BY	DR	HR

**PALISADES**  
NUCLEAR PLANT

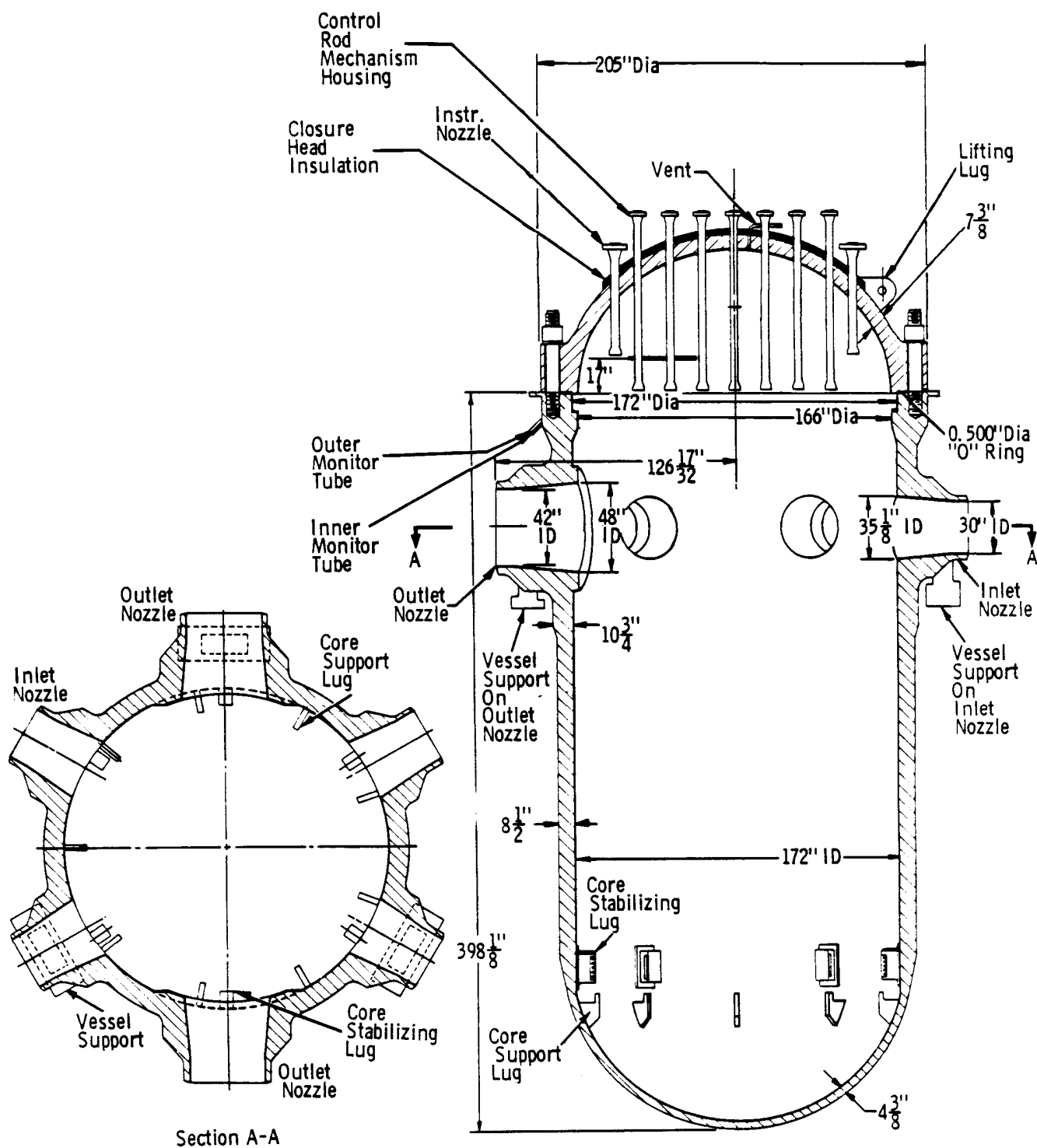
NRC-2012-0002

## PIPING & INSTRUMENT DIAGRAM

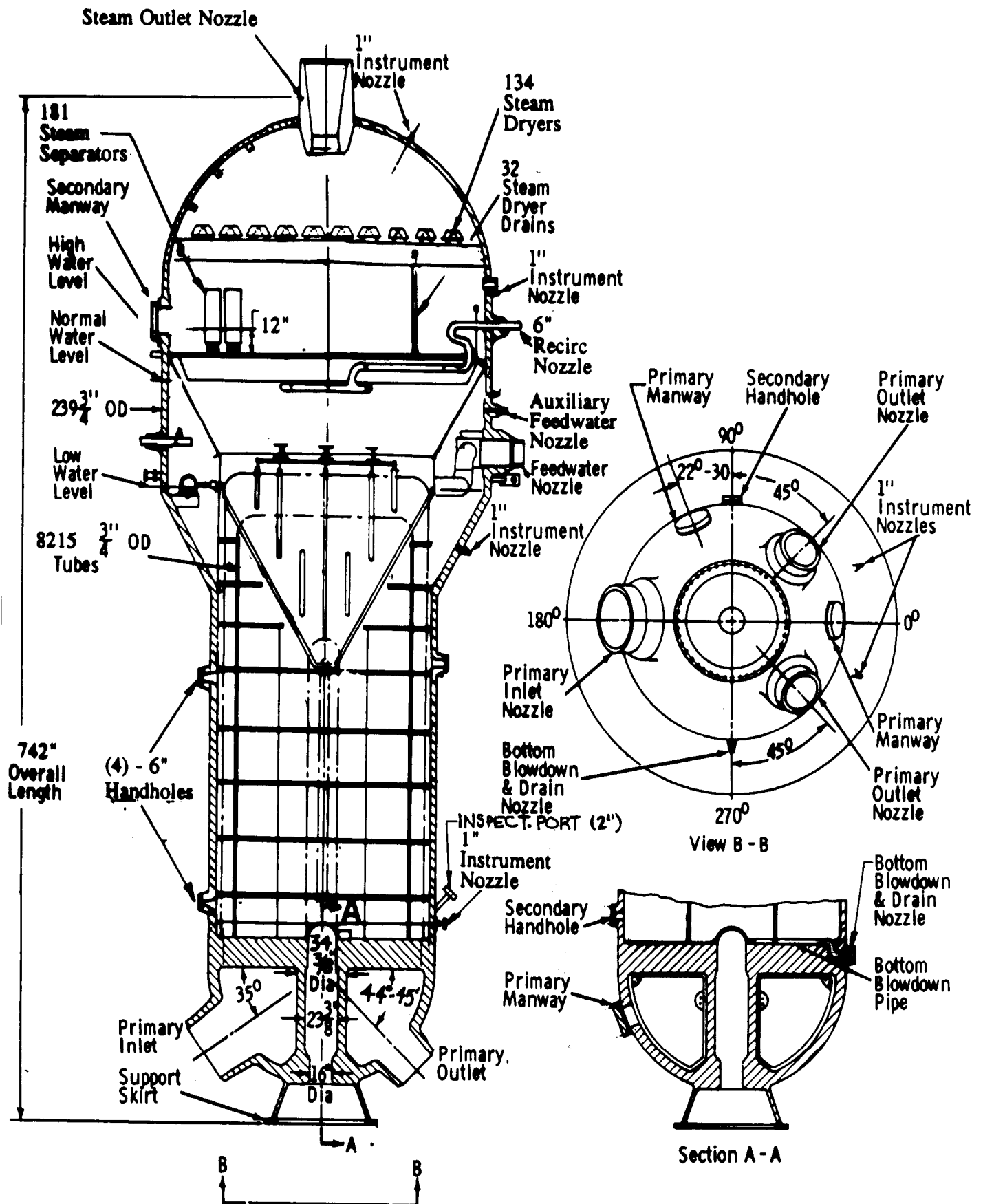
### PRIMARY COOLANT SYSTEM

PROJECT/SUBJECT/DWG. NO.	DRAWING NUMBER	SHEET NO.	TOTAL SHEETS
MECC-00862	M-201	2	6

## REACTOR VESSEL

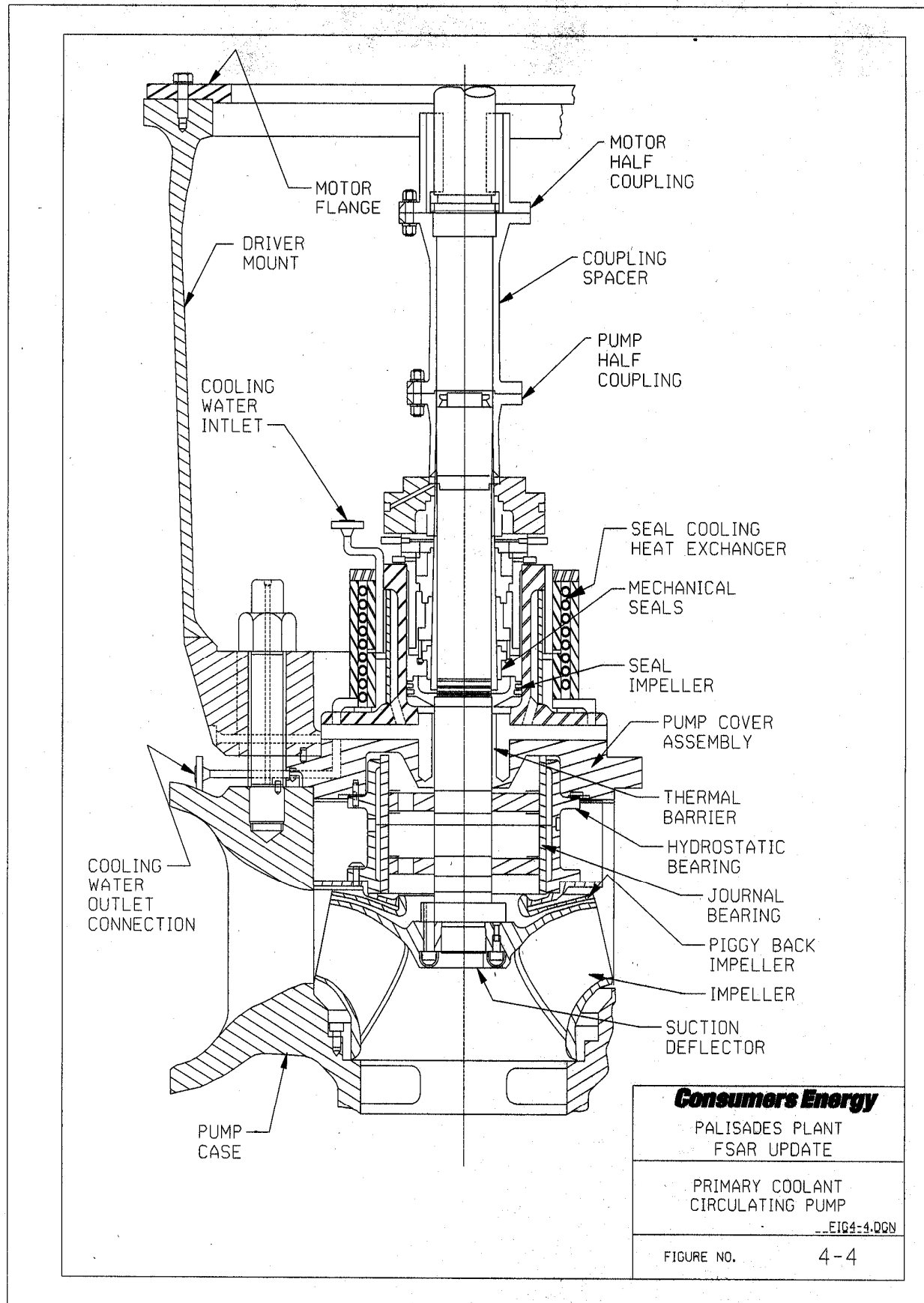


## STEAM GENERATOR

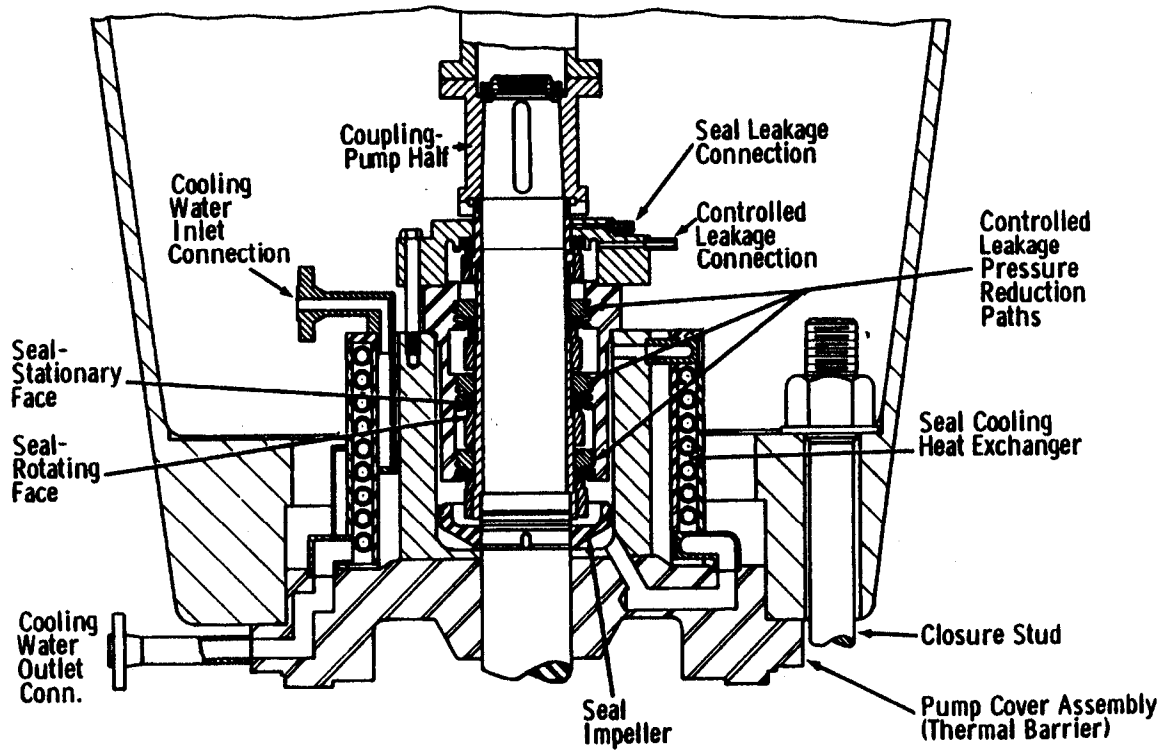




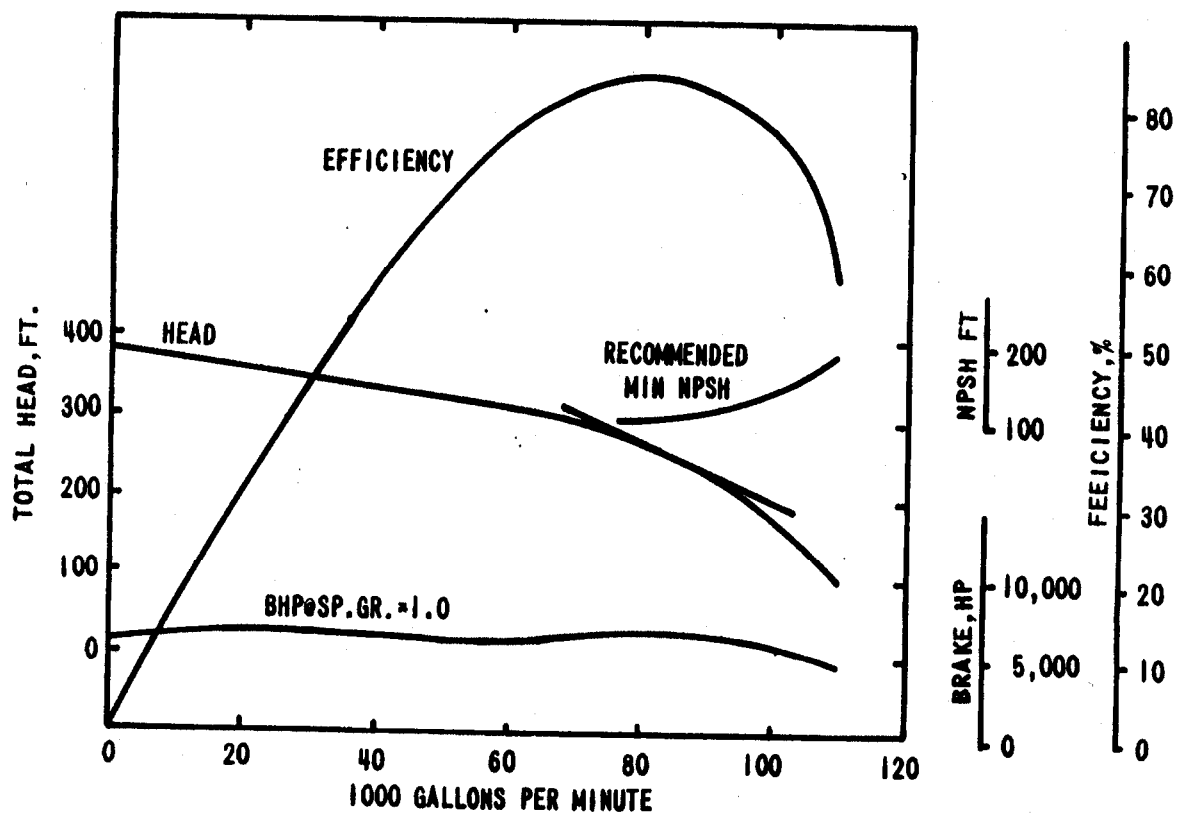
## PRIMARY COOLANT CIRCULATING PUMP



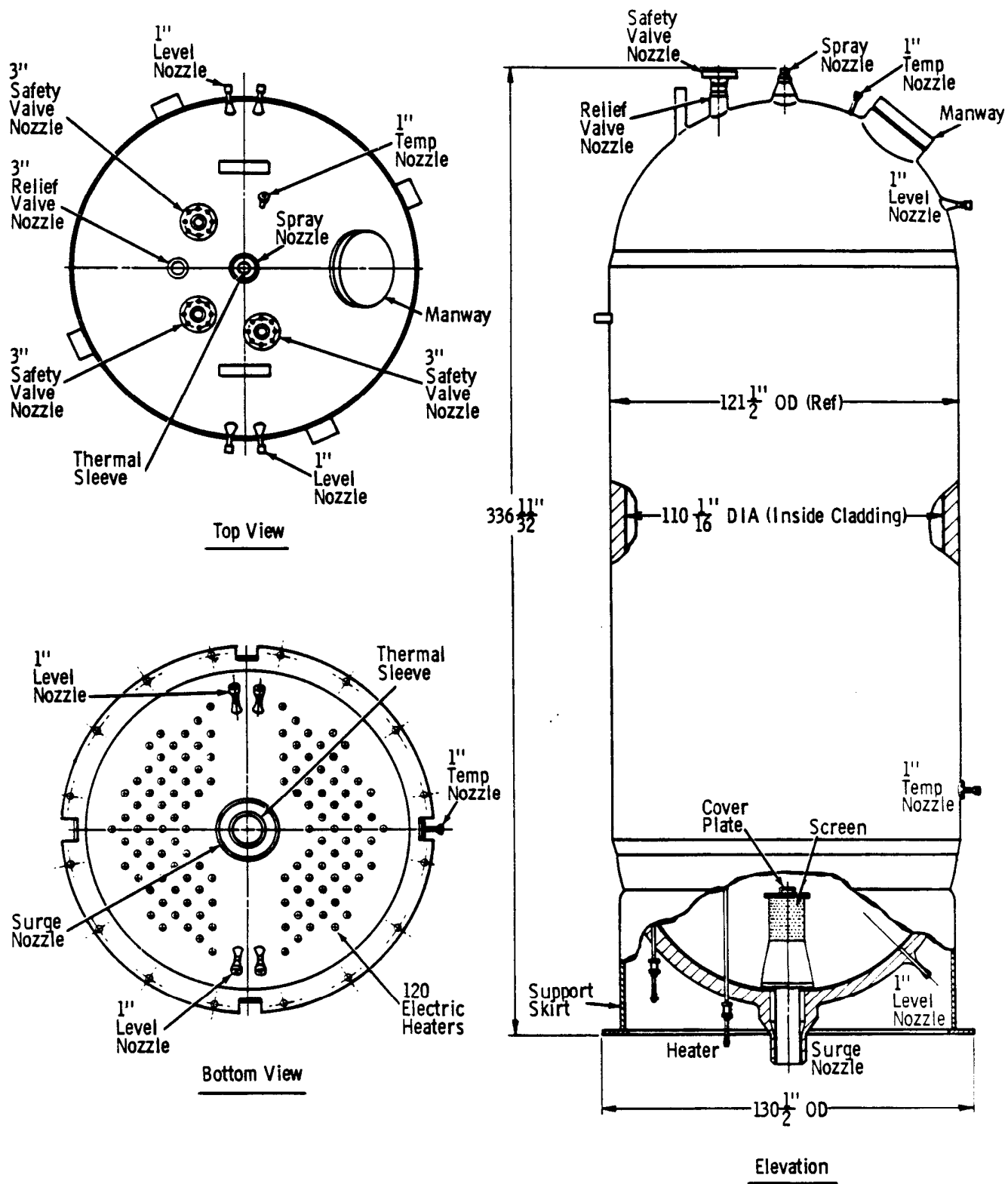
## ENLARGED VIEW OF PUMP SEAL AREA



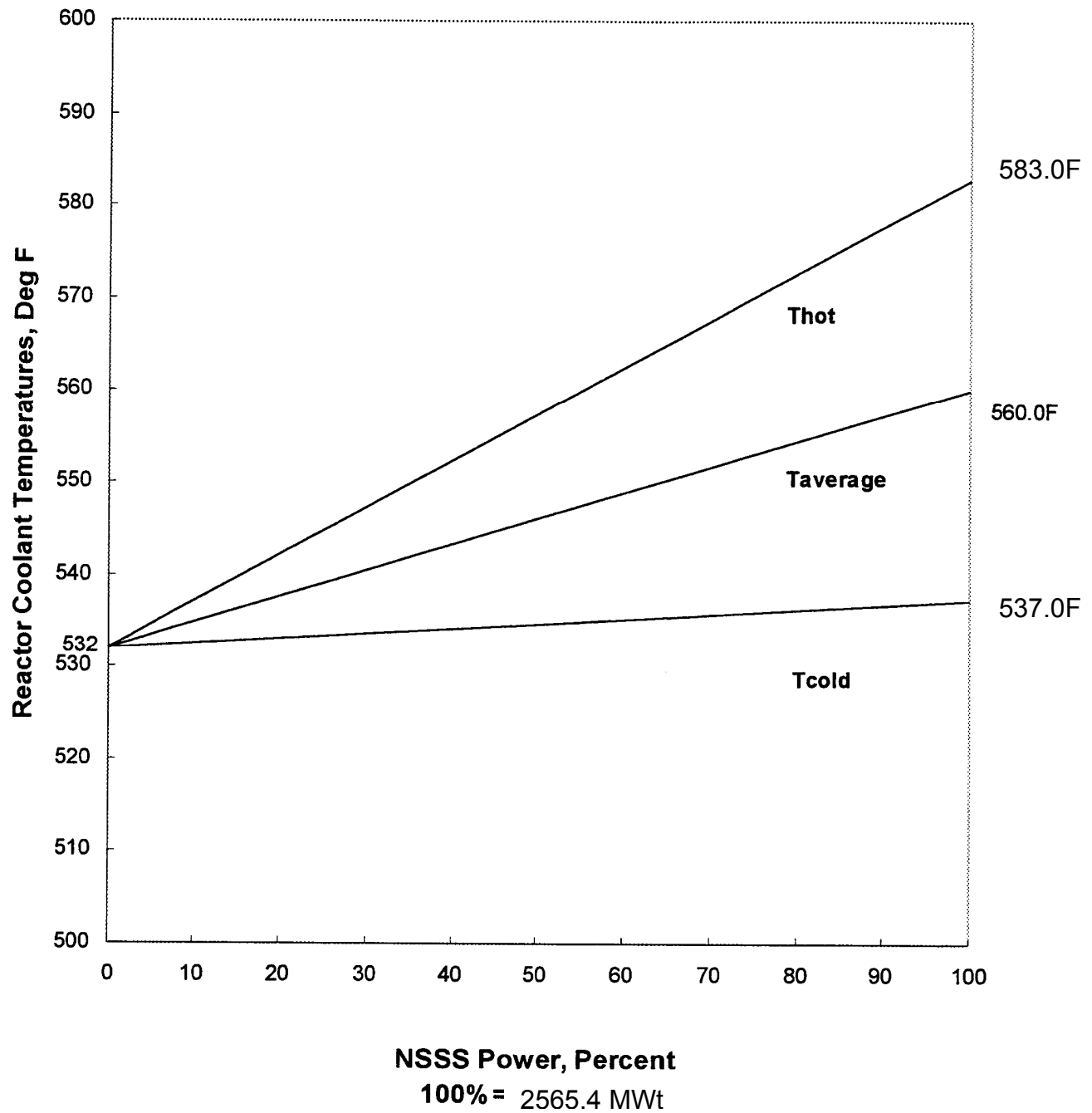
## PRIMARY COOLANT PUMP CHARACTERISTICS CURVE

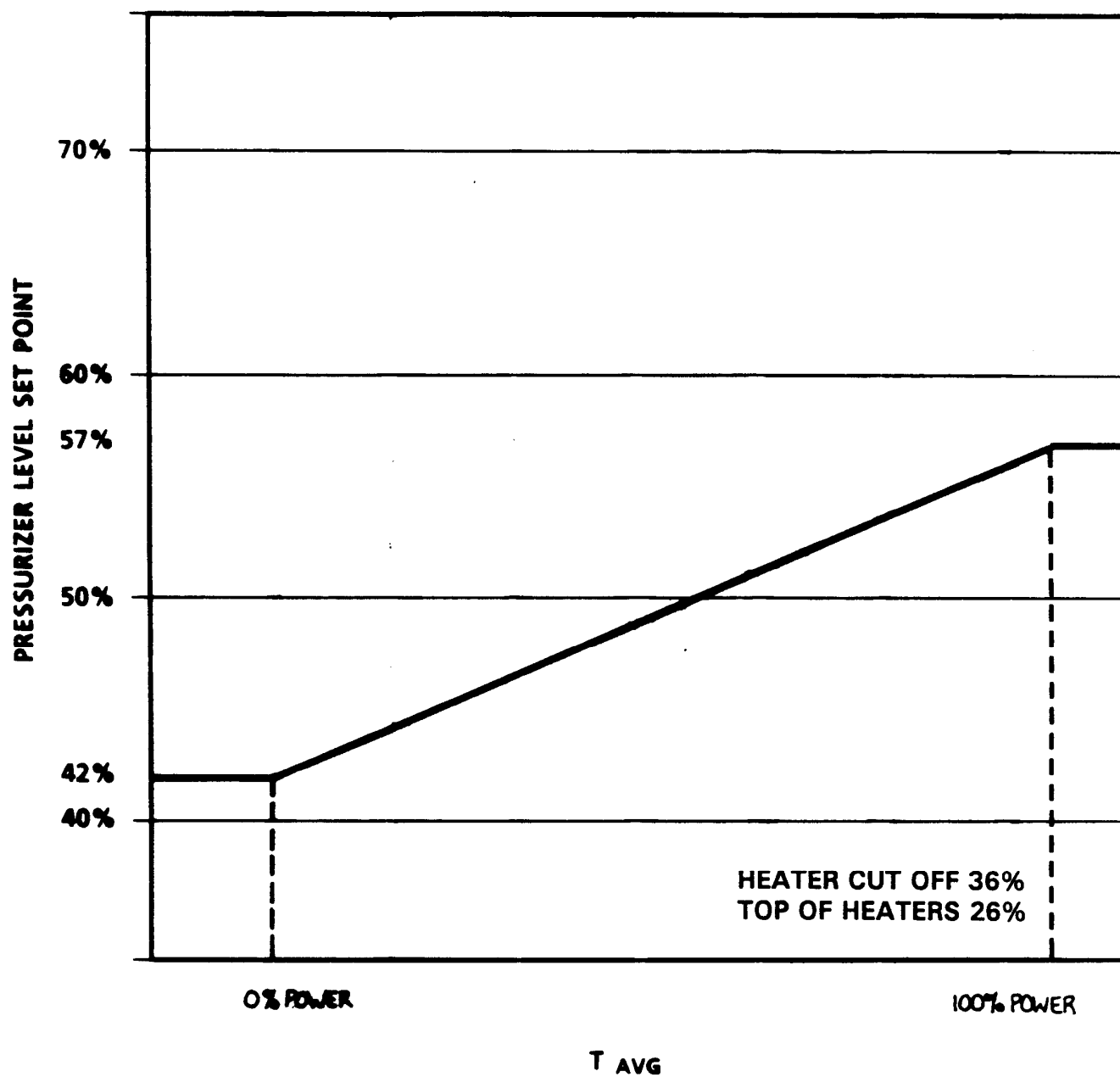


## PRESSURIZER

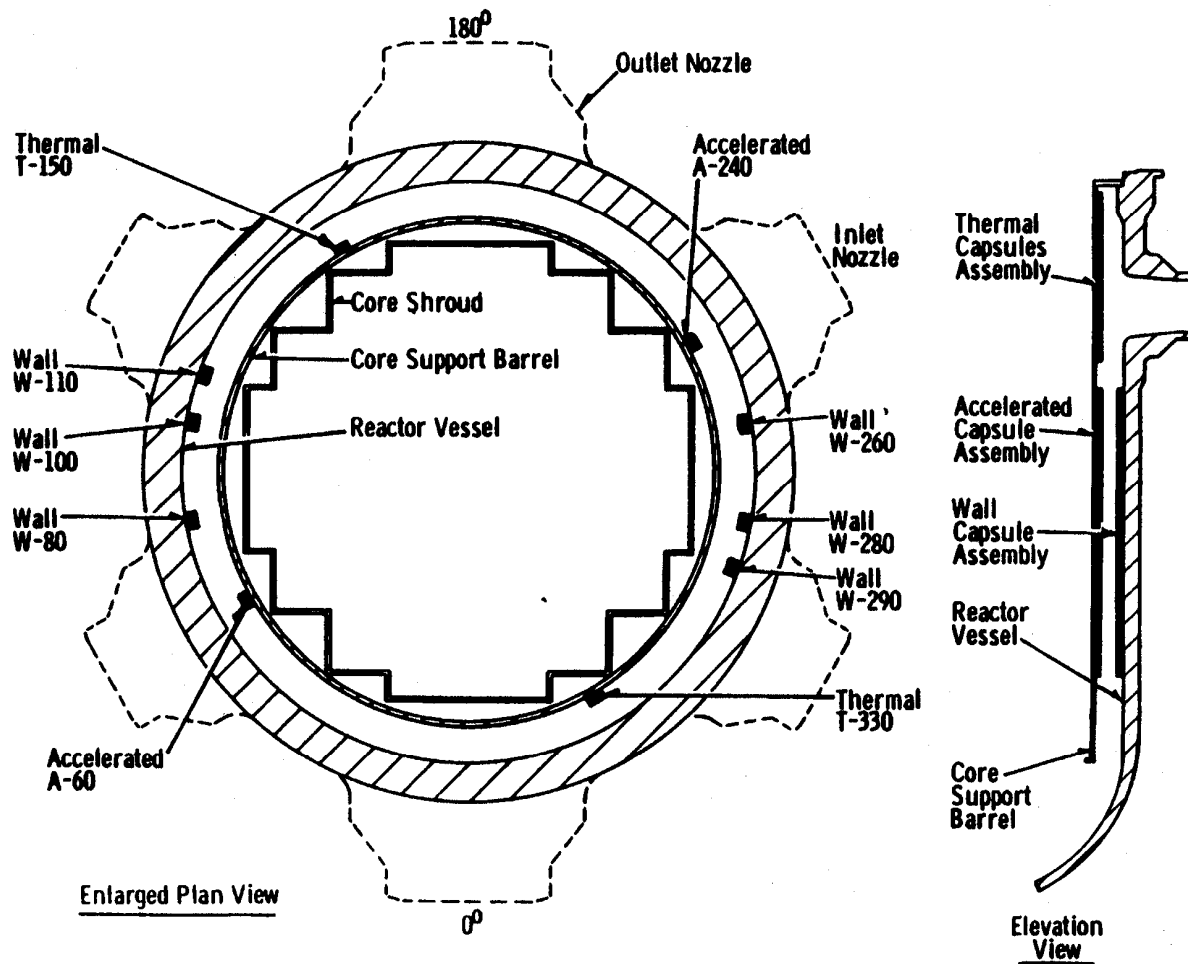


## TEMPERATURE CONTROL PROGRAM

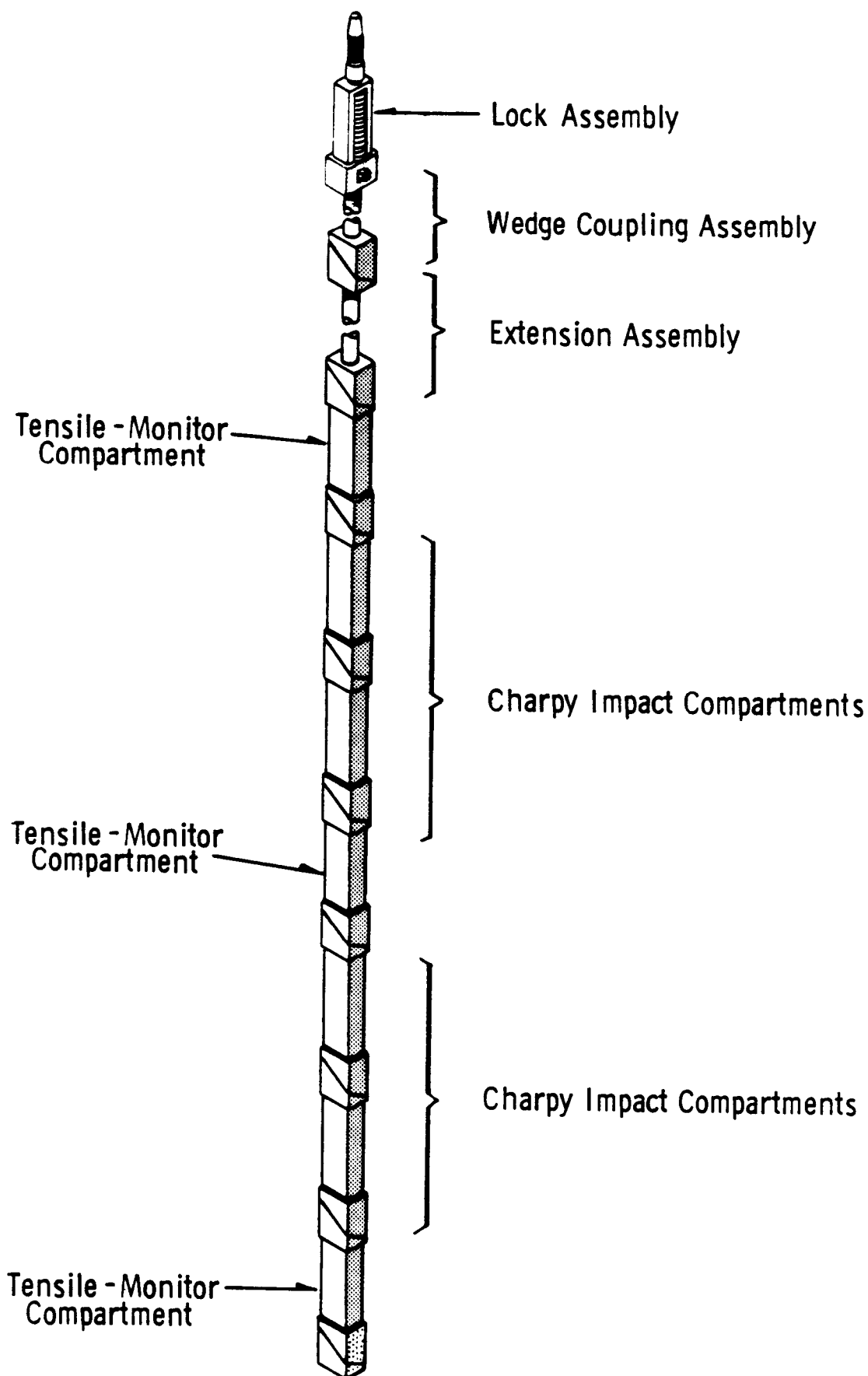


PRESSURIZER LEVEL SETPOINT VS  $T_{AVG}$ 

## LOCATION OF SURVEILLANCE CAPSULE ASSEMBLIES

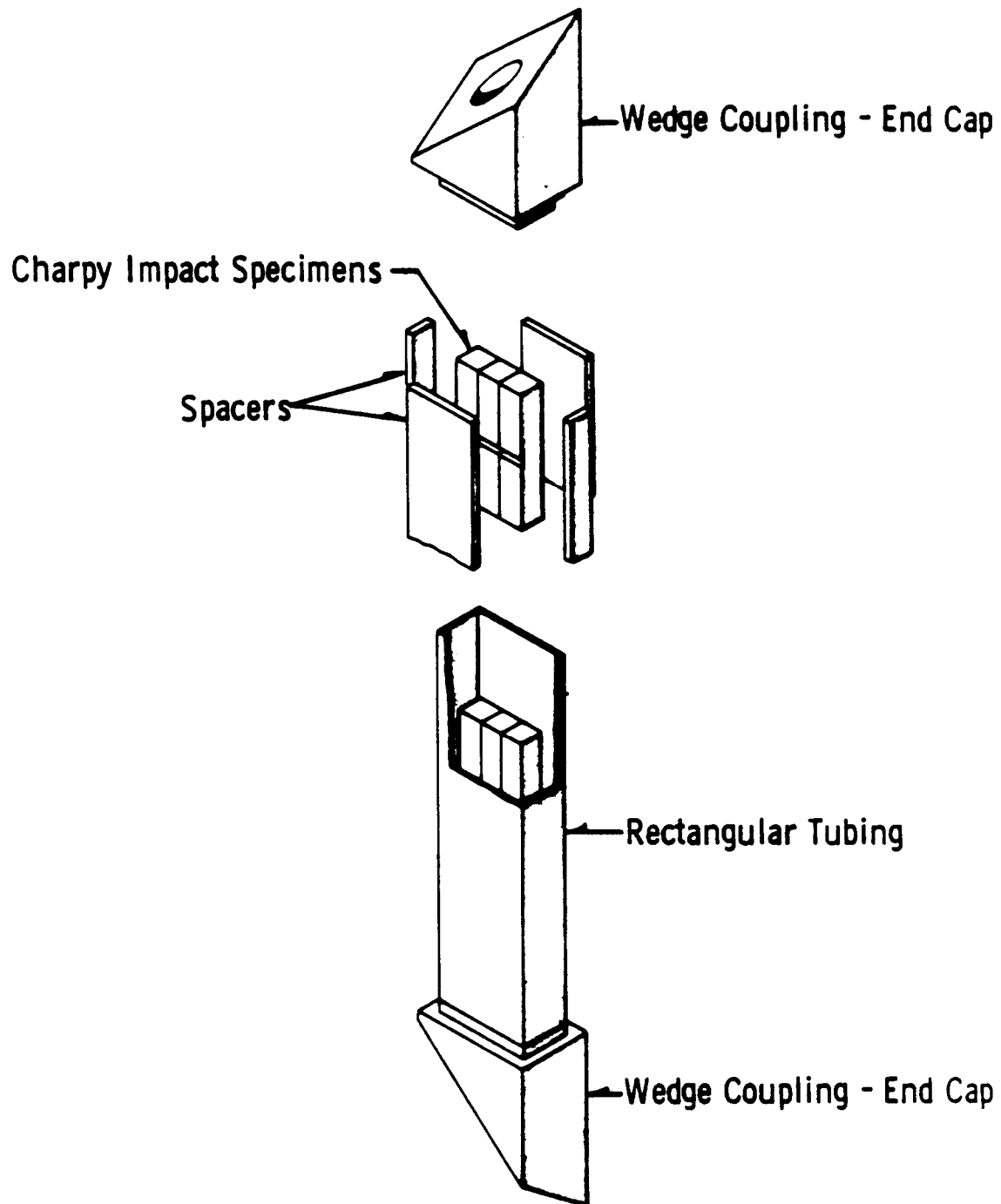


## TYPICAL SURVEILLANCE CAPSULE ASSEMBLY

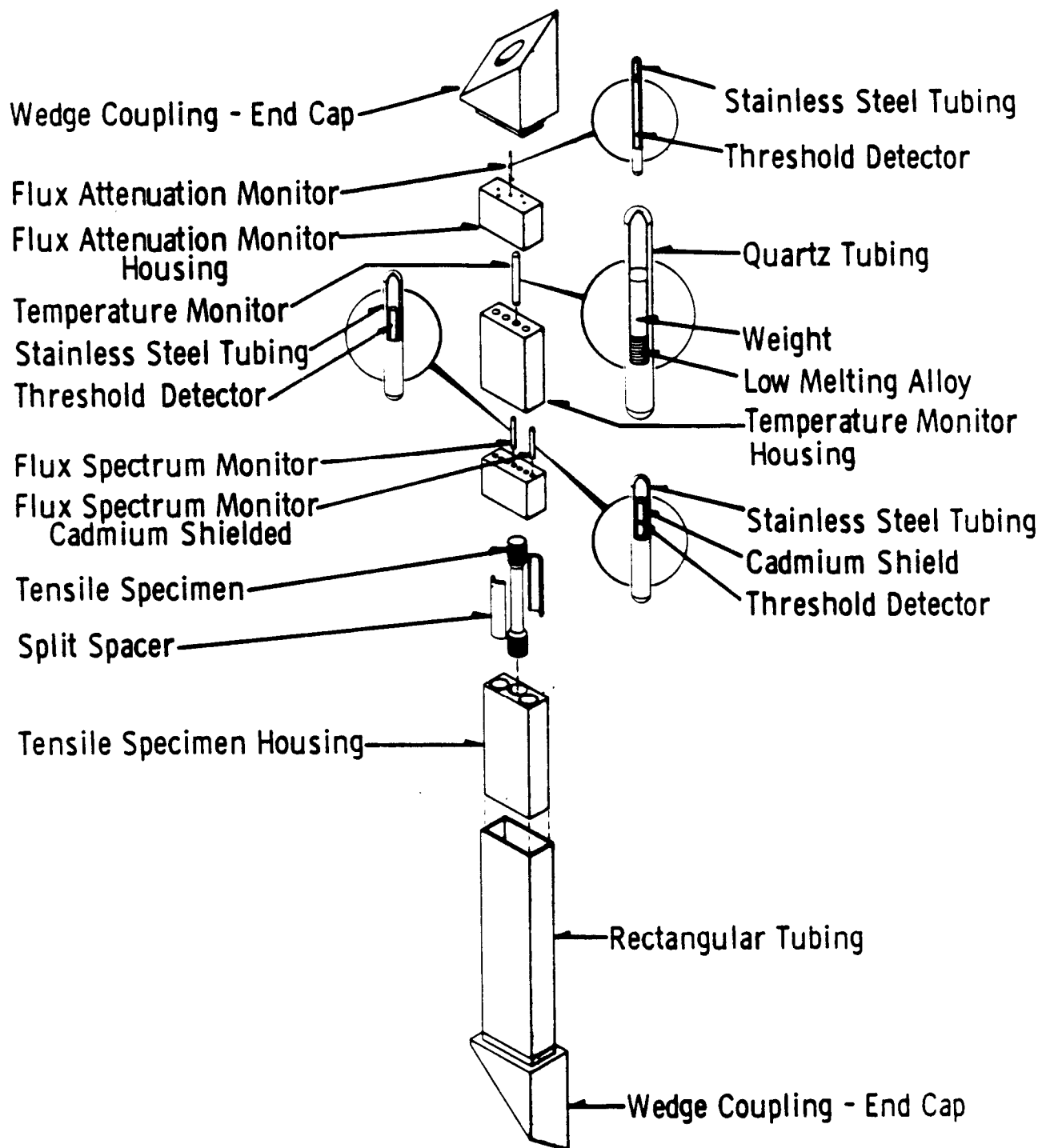




TYPICAL CHARPY IMPACT COMPARTMENT ASSEMBLY



## TYPICAL TENSILE - MONITOR COMPARTMENT ASSEMBLY



## VARIABLE LTOP SETPOINTS

