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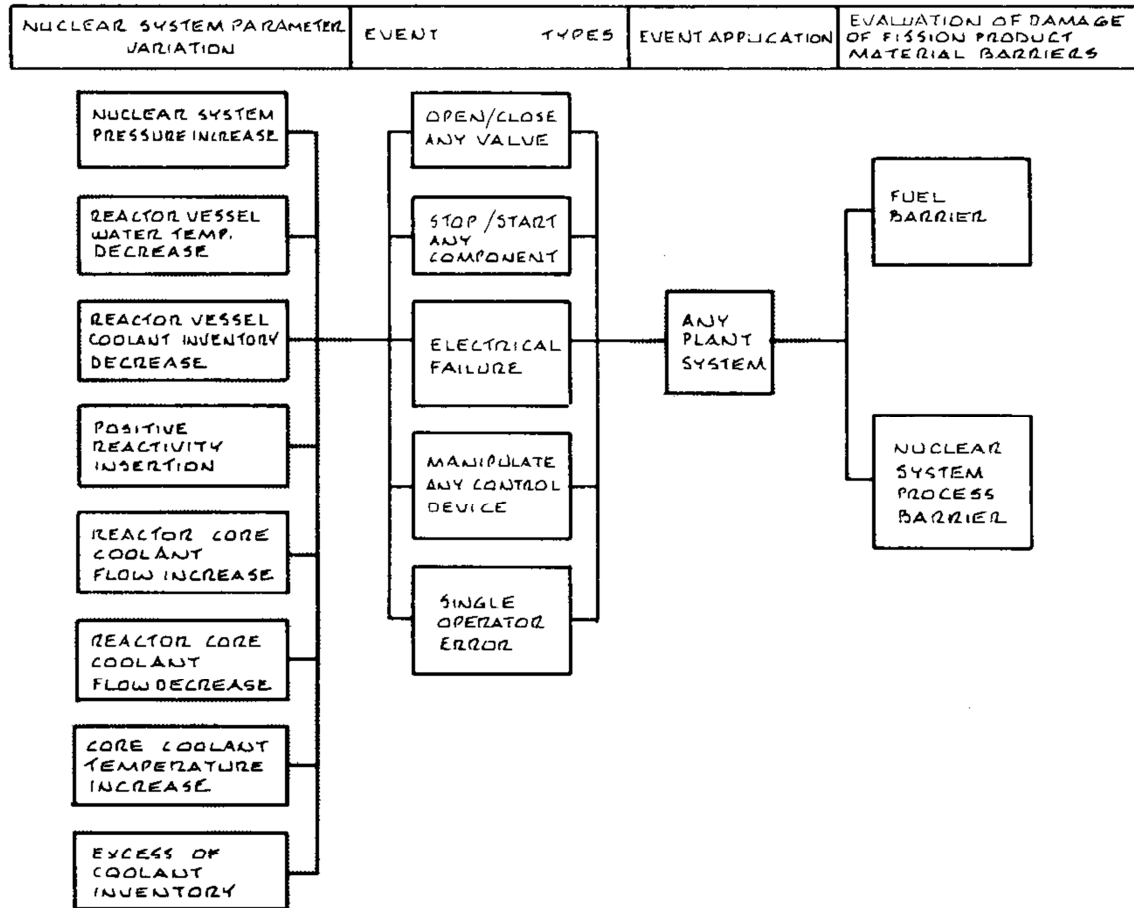
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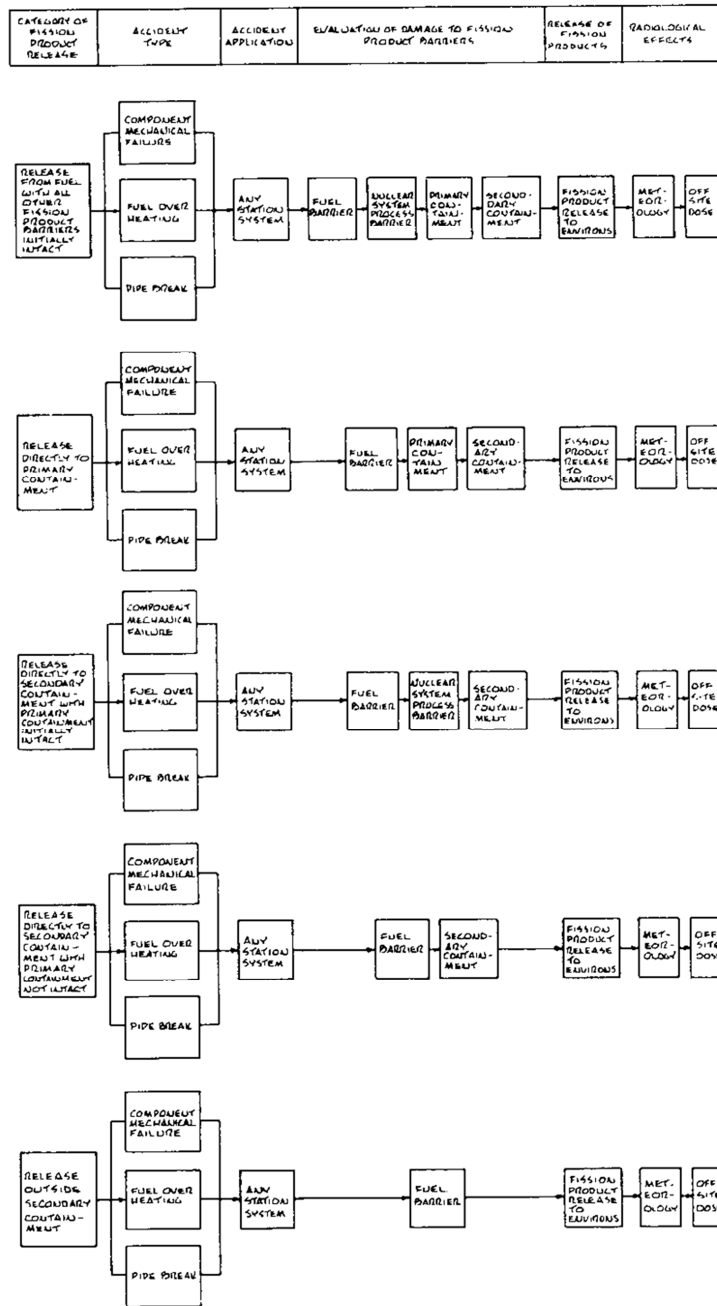
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PLANT SAFETY ANALYSIS METHOD FOR IDENTIFYING AND EVALUATING ABNORMAL OPERATIONAL TRANSIENTS



PLANT SAFETY ANALYSIS METHOD FOR IDENTIFYING AND EVALUATING ACCIDENTS

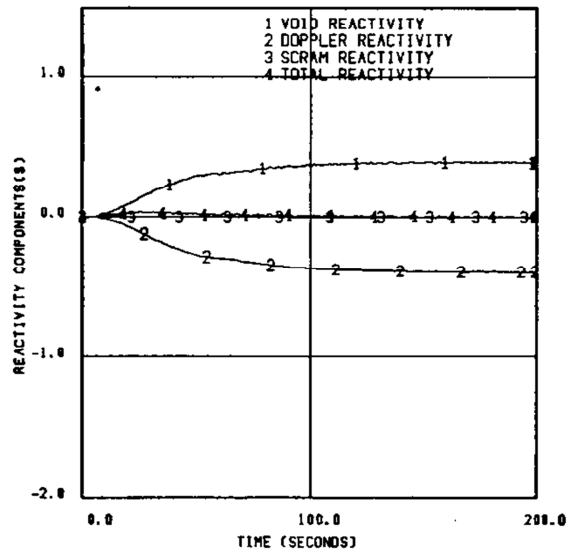
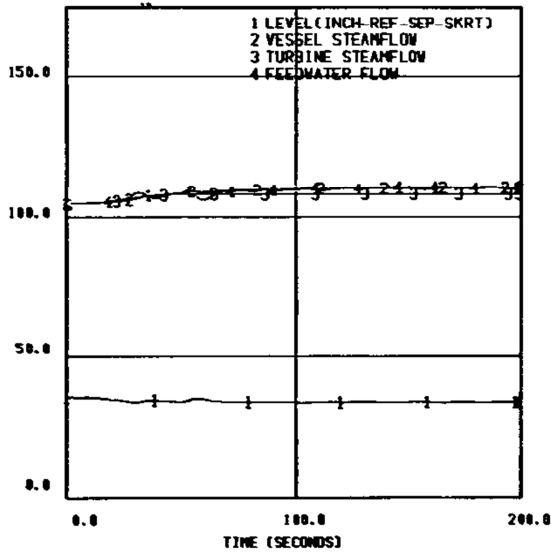
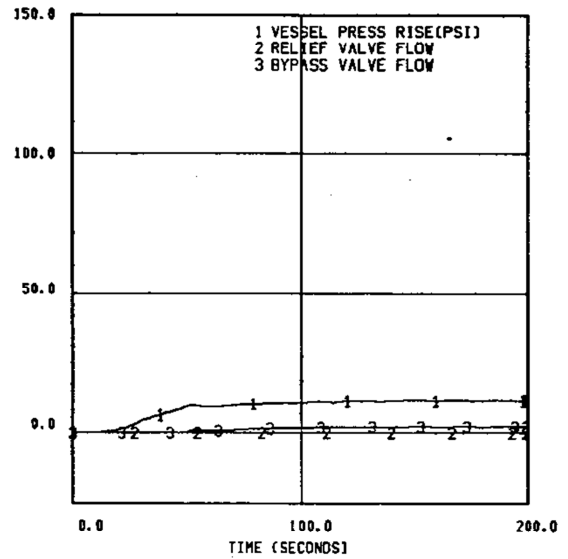
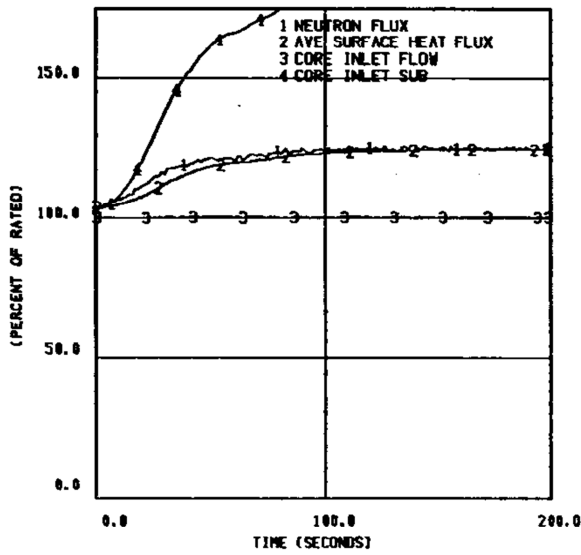





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**LOSS OF 100 DEGREE FEEDWATER HEATING,
MANUAL FLOW CONTROL, UNIT 2 - CYCLE 7**



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**FEEDWATER CONTROLLER FAILURE,
MAXIMUM DEMAND (EOC-2205 MWD/MT), UNIT 1 – CYCLE 8**

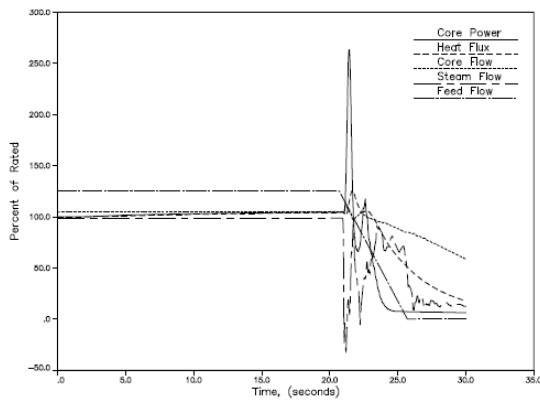
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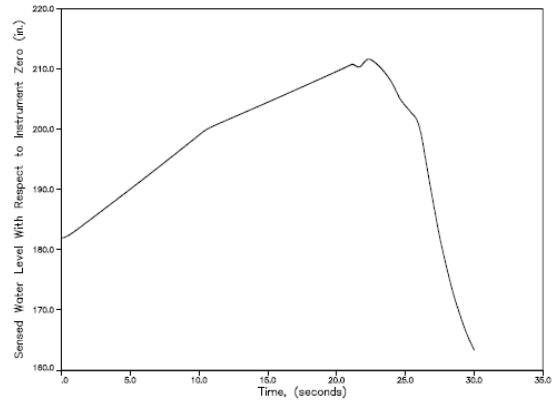
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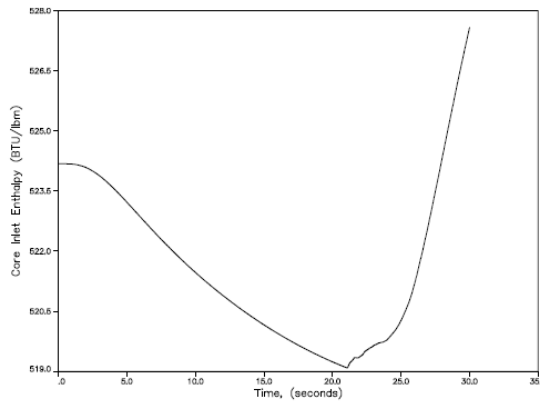
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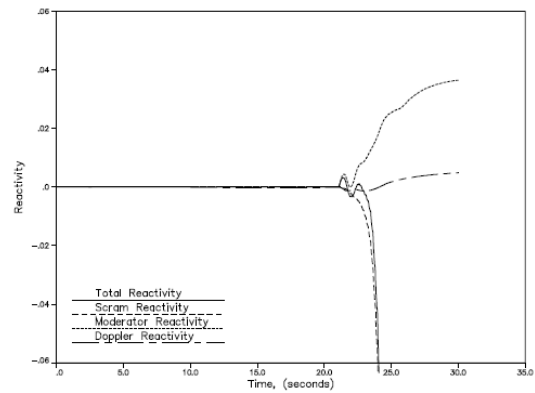
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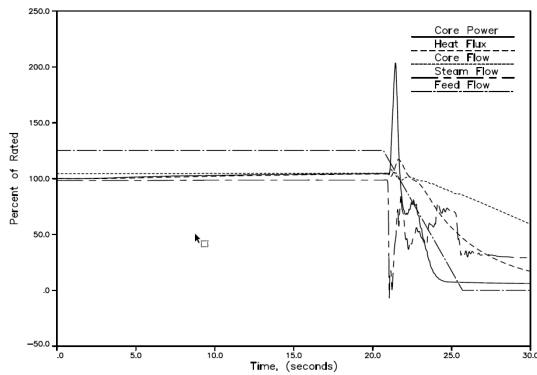
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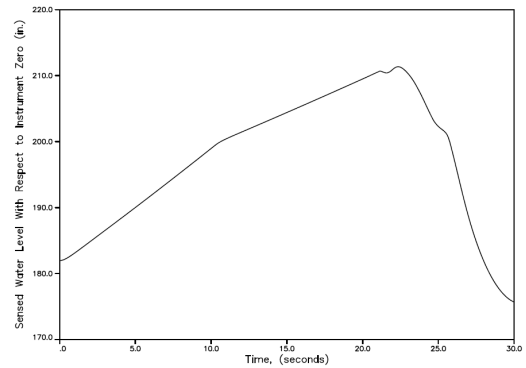
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FEEDWATER CONTROLLER FAILURE, MAXIMUM DEMAND (EOC), UNIT 2 – CYCLE 23



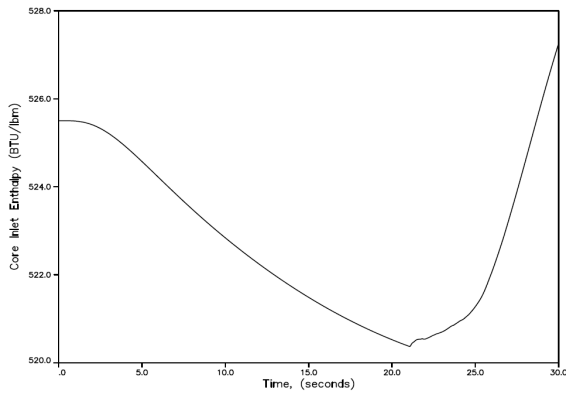
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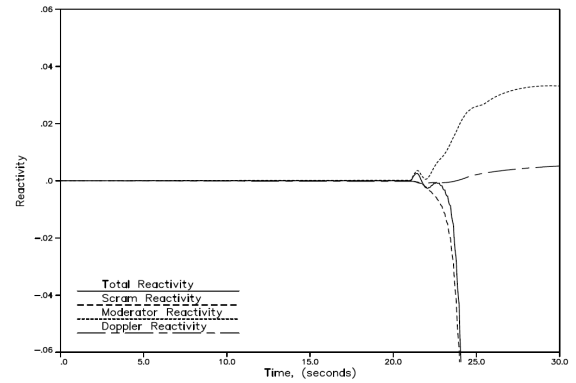
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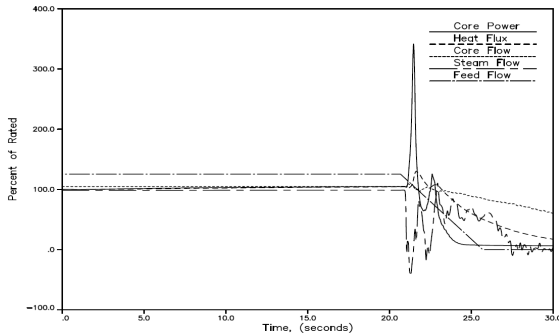
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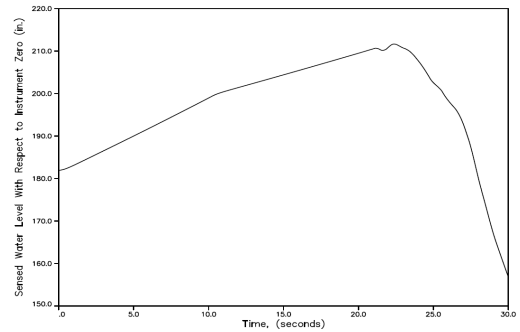
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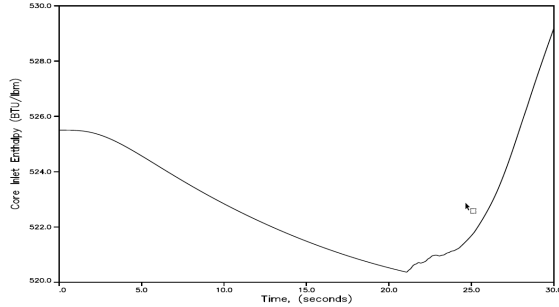
FEEDWATER CONTROLLER FAILURE WITH TBPOOS, ICF, AND NFWT, UNIT 2 – CURRENT CYCLE (EOC 23)



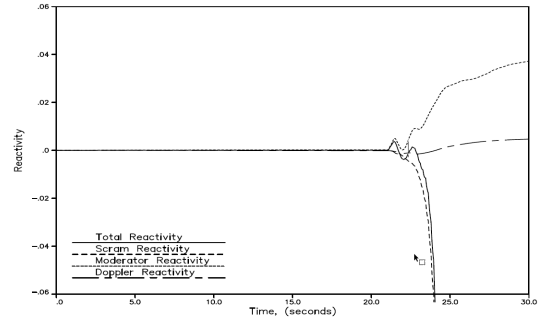
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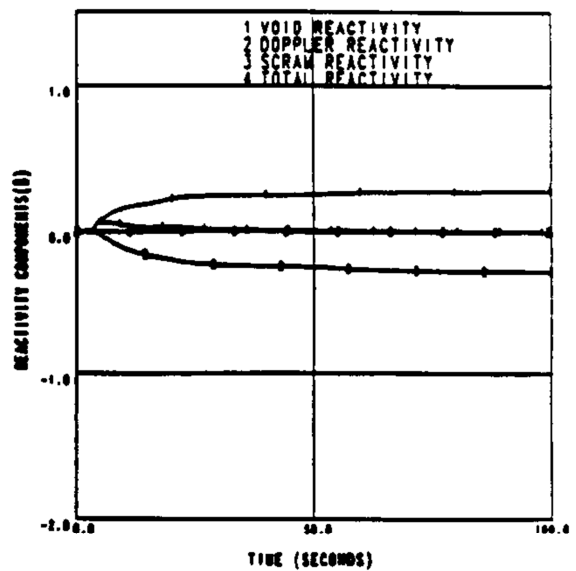
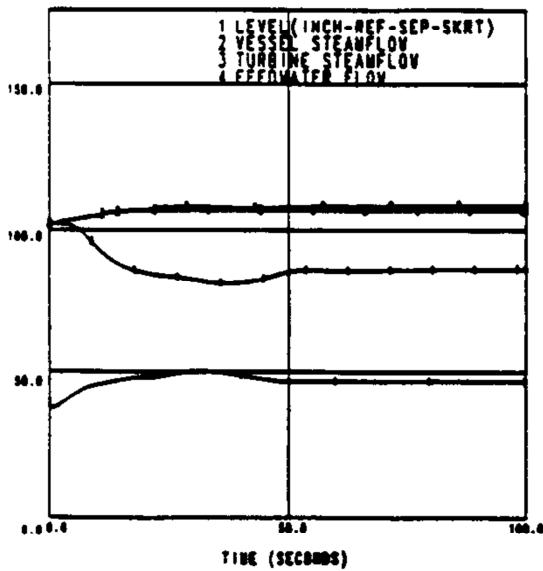
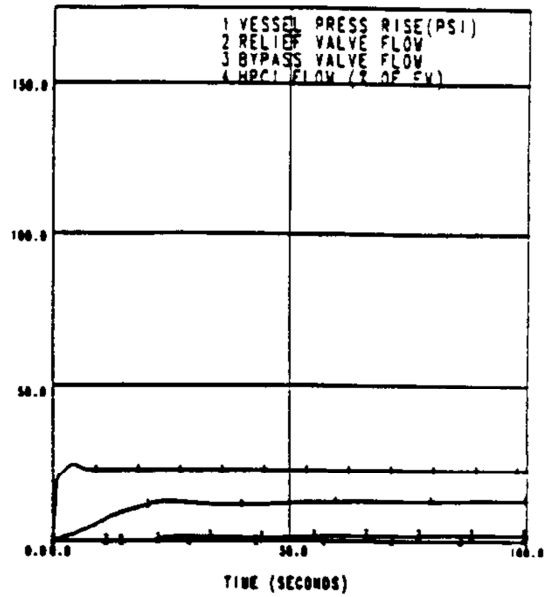
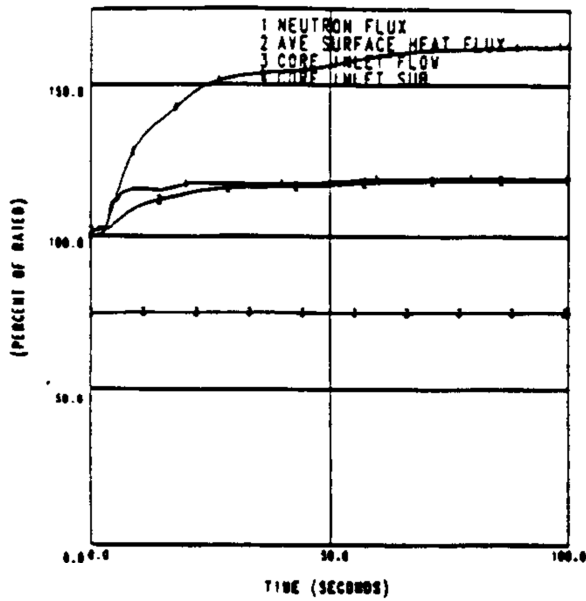


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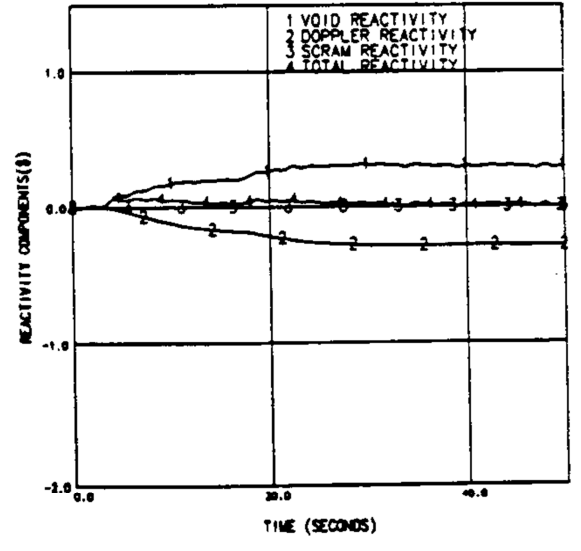
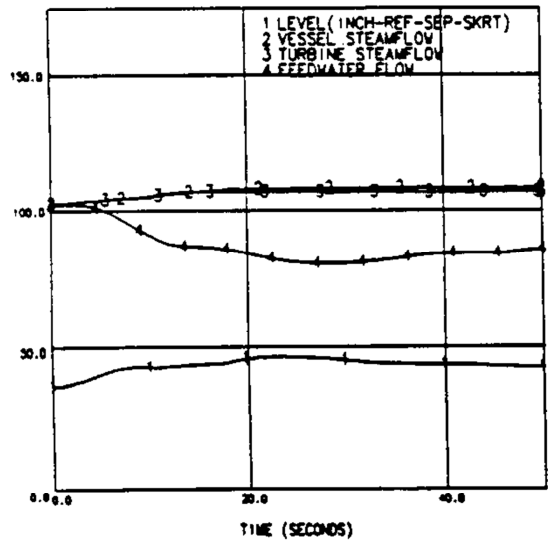
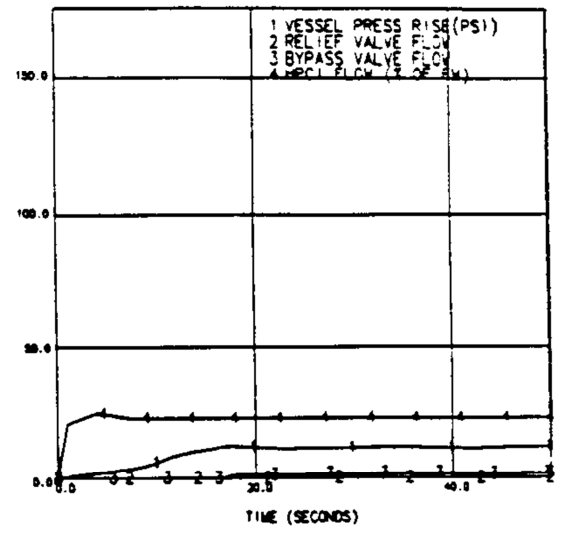
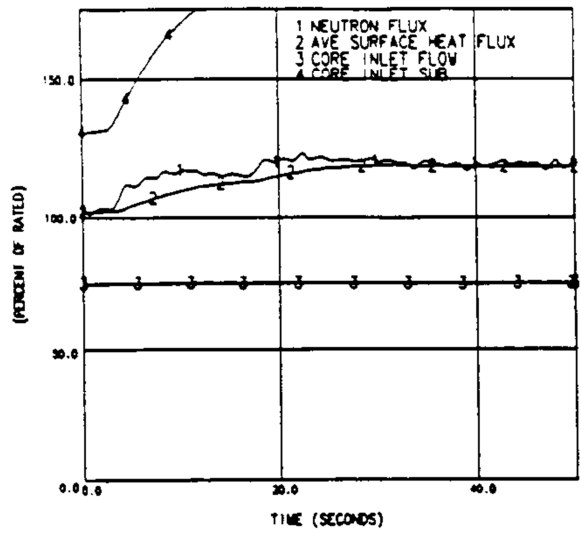


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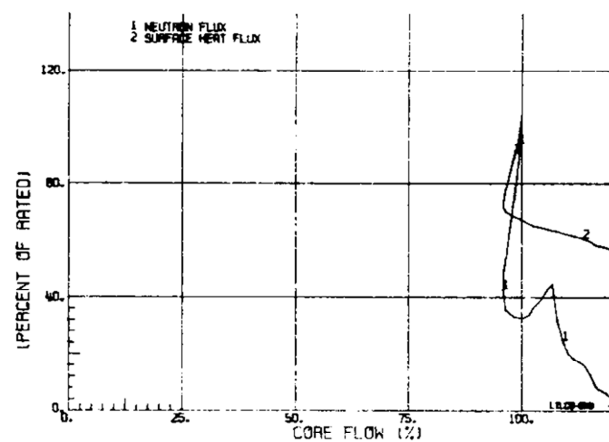
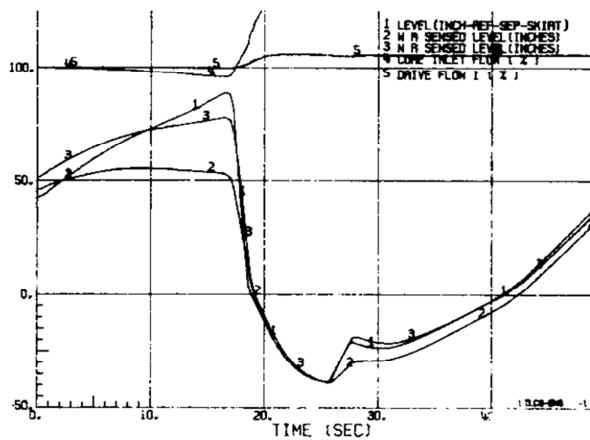
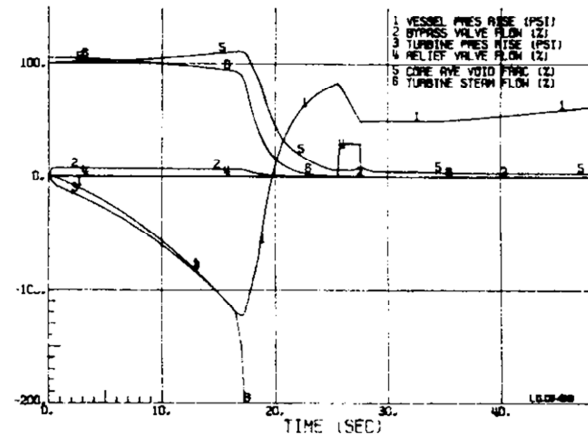
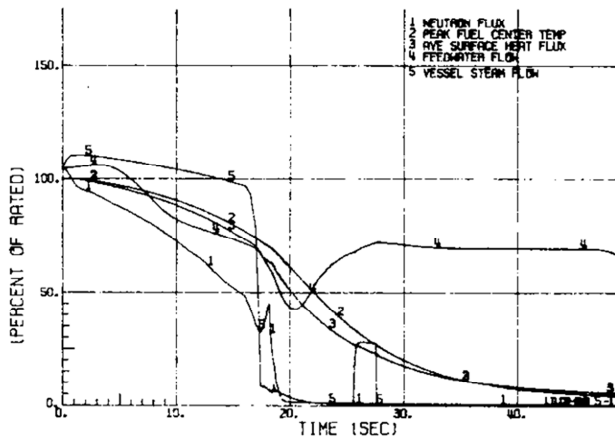
INADVERTENT HPCI ACTIVATION, UNIT 1 – CYCLE 9 (BOC9 TO EOC9)



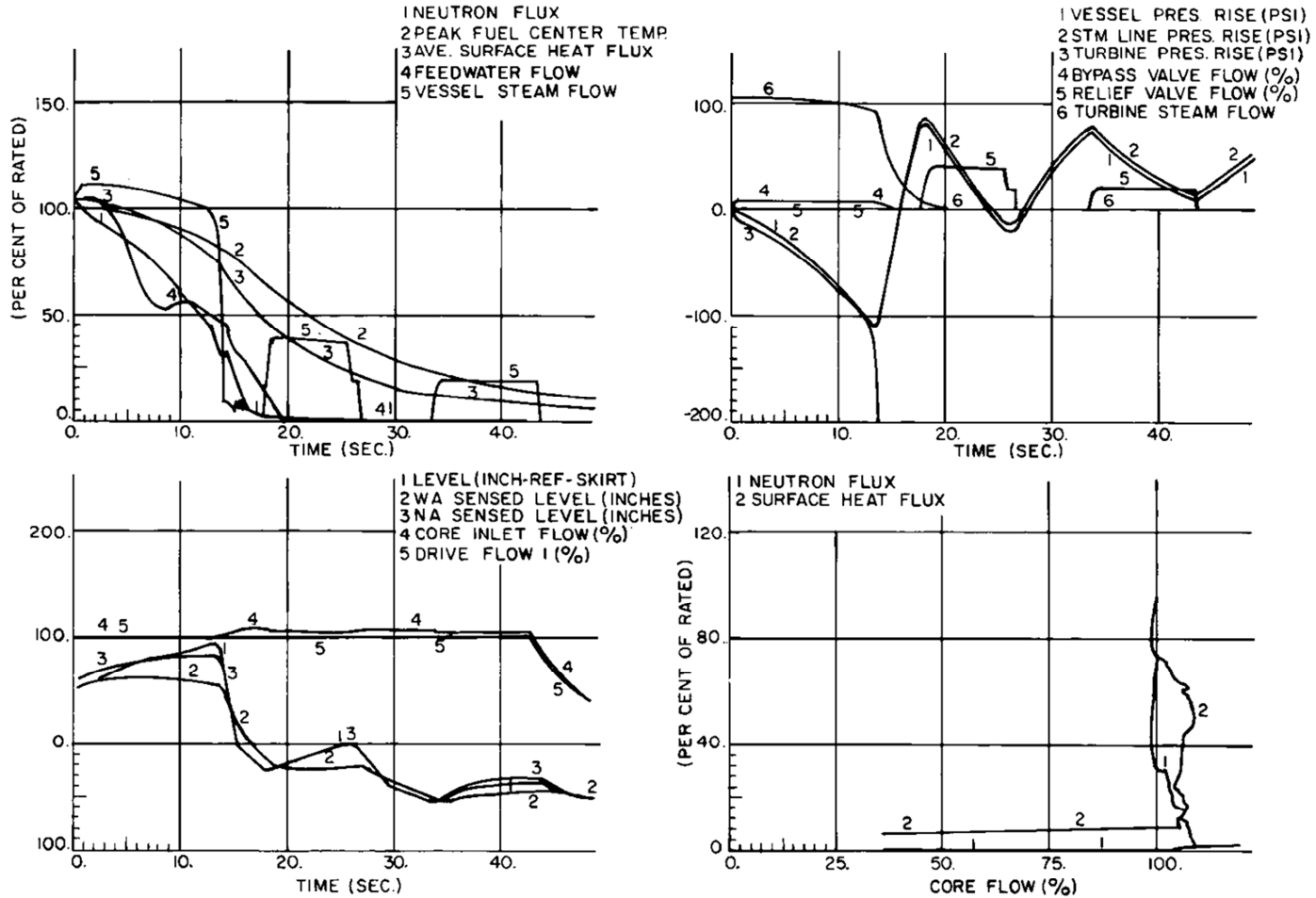
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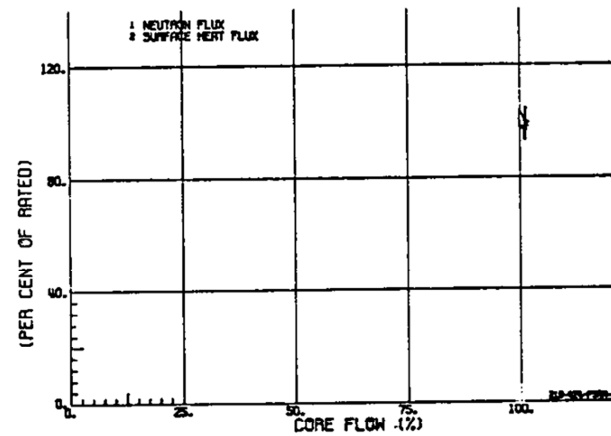
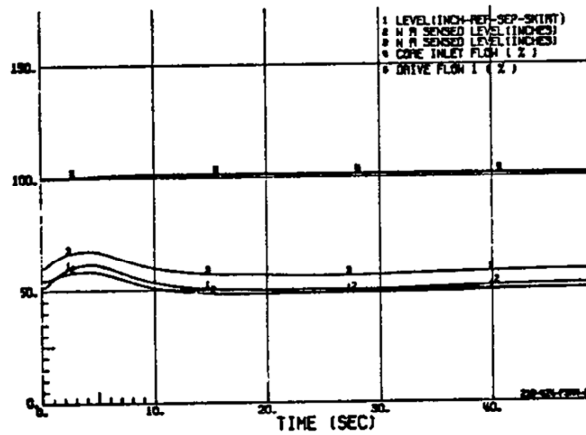
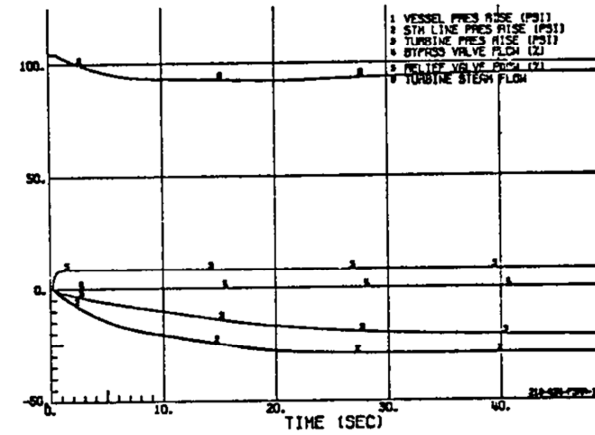
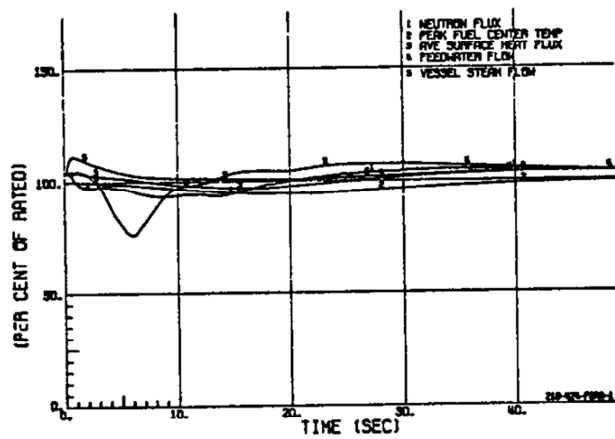
PRESSURE REGULATOR FAILURE (OPEN), UNIT 1 – CYCLE 1



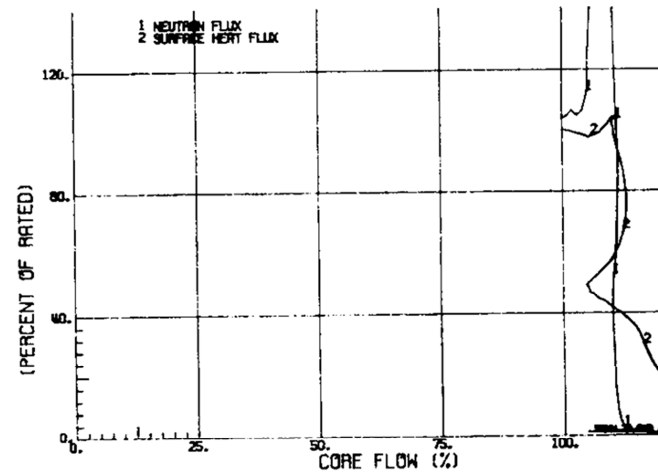
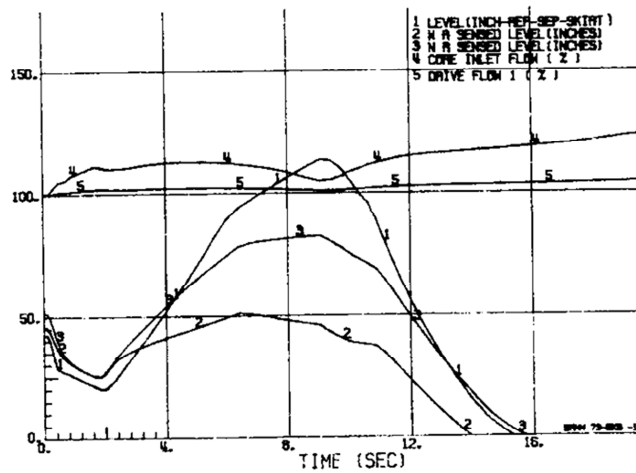
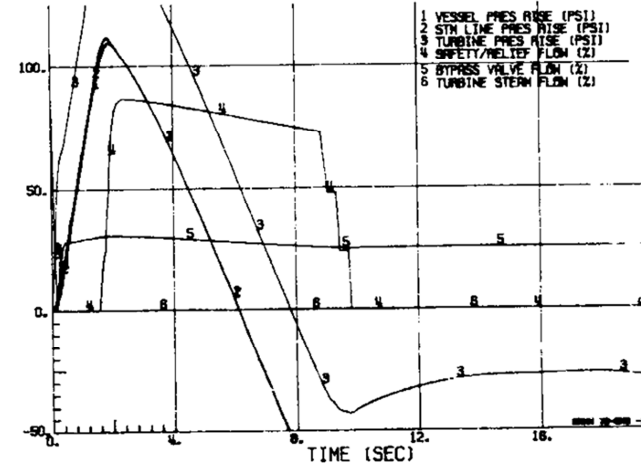
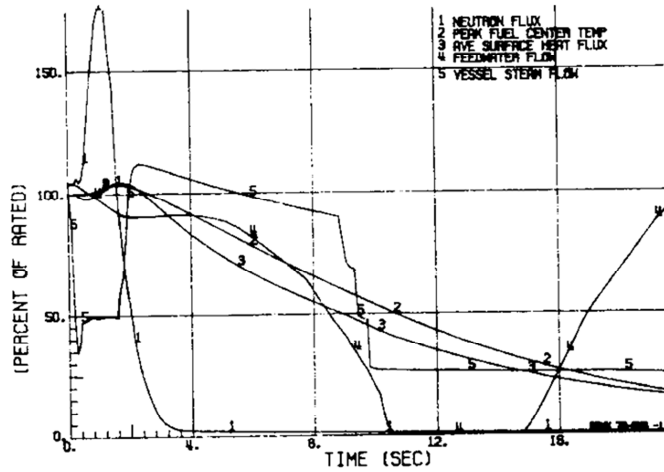
PRESSURE REGULATOR FAILURE (OPEN), UNIT 2 – CYCLE 1



INADVERTENT OPENING OF A RELIEF OR SAFETY VALVE, UNIT 2 – CYCLE 1



GENERATOR LOAD REJECTION WITH 25 PERCENT BYPASS, UNIT 1 – CYCLE 1

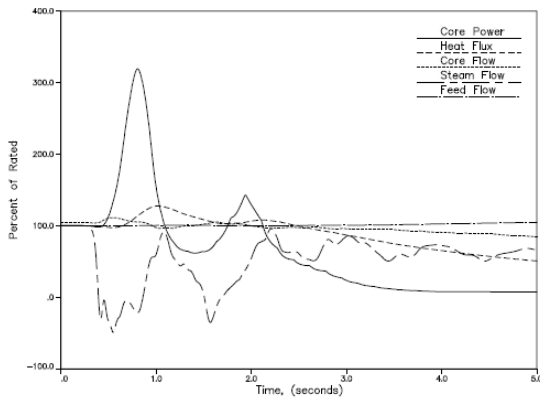




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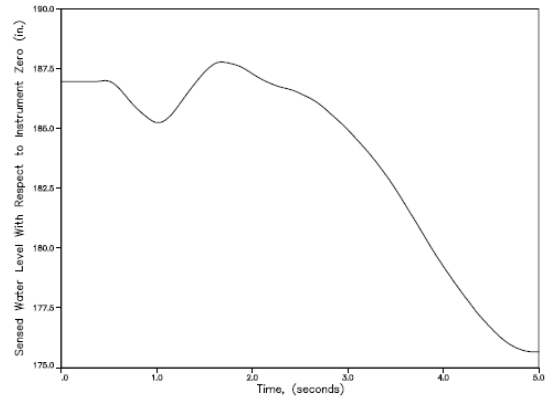
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GENERATOR LOAD REJECTION, NO BYPASS, WITH ICF, UNIT 1 – CURRENT CYCLE (EOC 22)



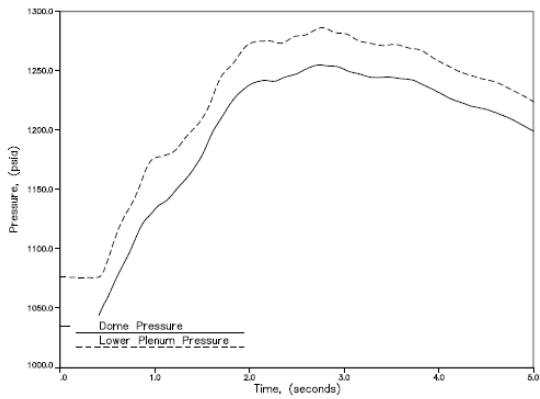
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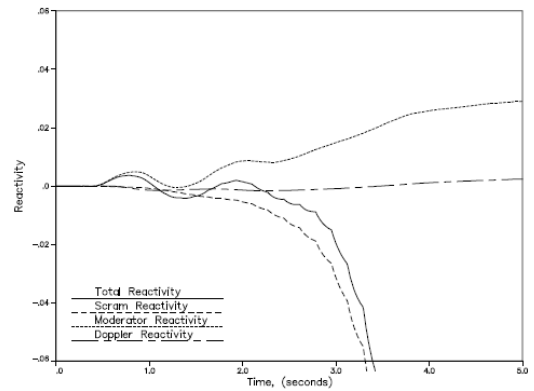
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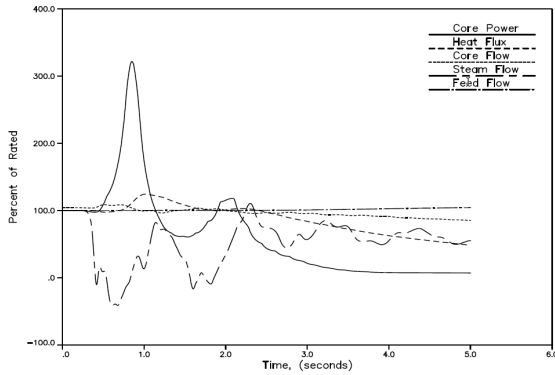
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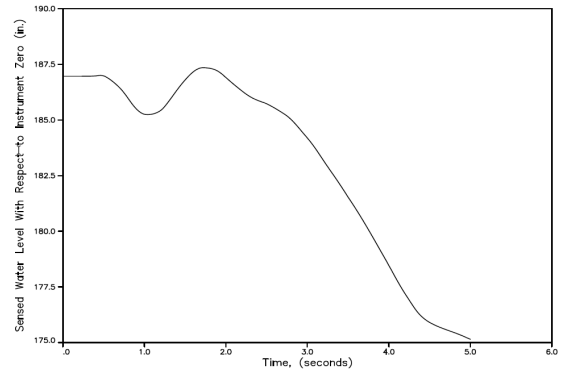
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GENERATOR LOAD REJECTION, NO BYPASS, WITH ICF, UNIT 2 –CURRENT CYCLE (EOC 23)



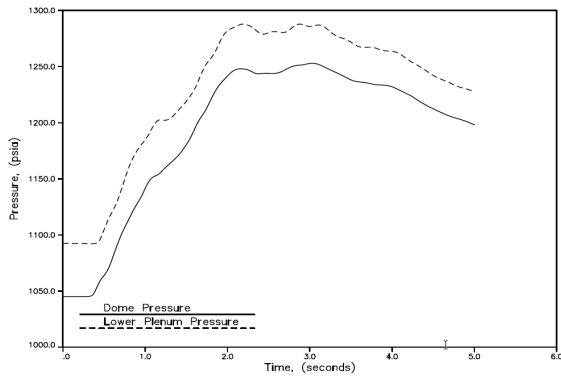
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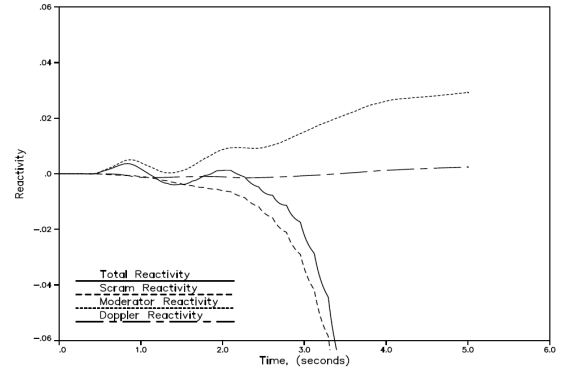
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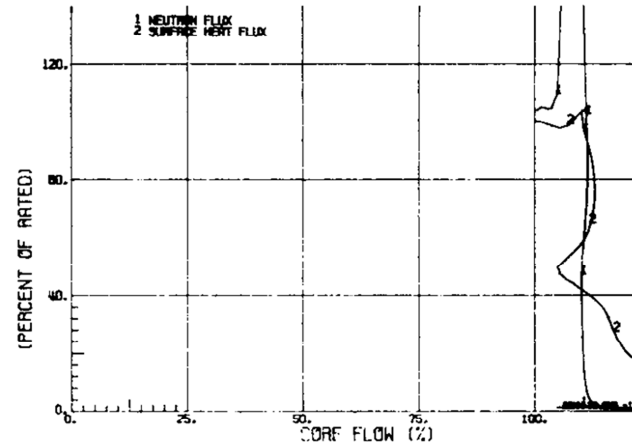
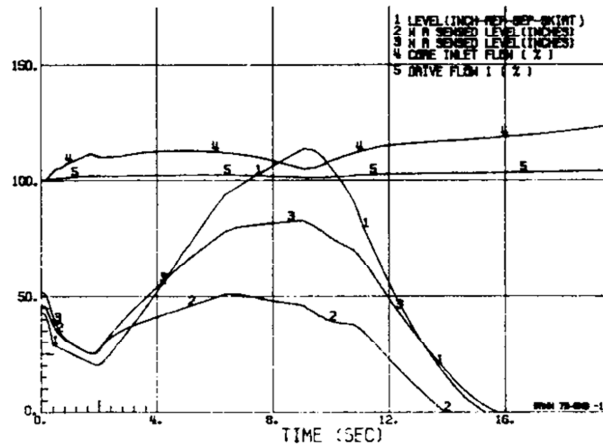
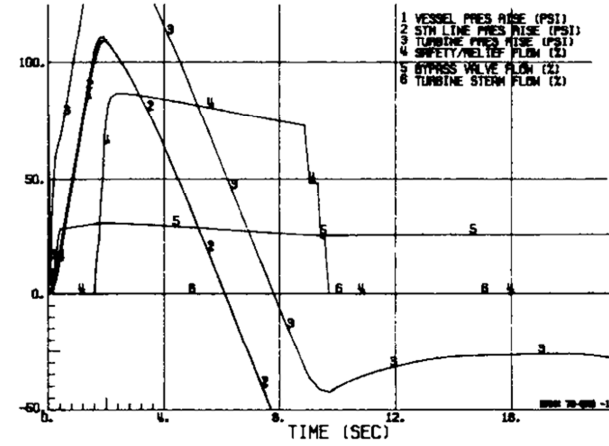
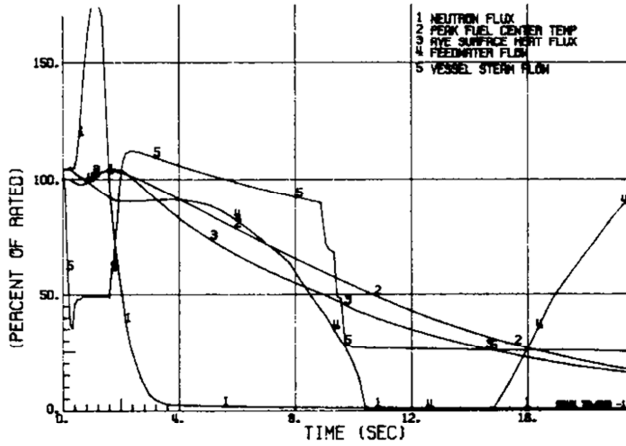
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TURBINE TRIP WITH 25 PERCENT BYPASS, UNIT 1 – CYCLE 1

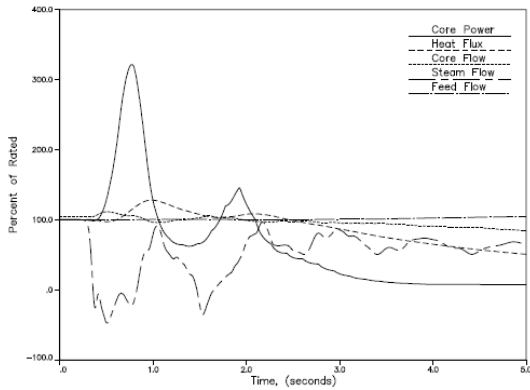




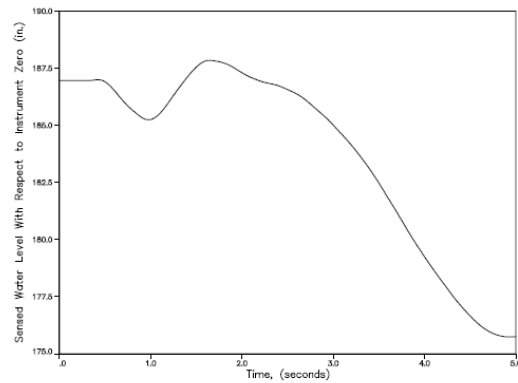
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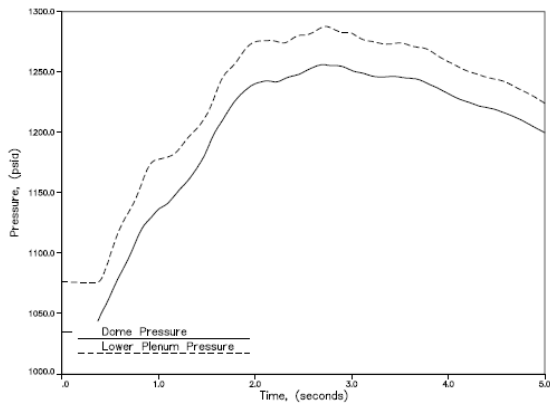
**TURBINE TRIP WITHOUT BYPASS, WITH ICF,
UNIT 1 – CURRENT CYCLE (EOC 22)**



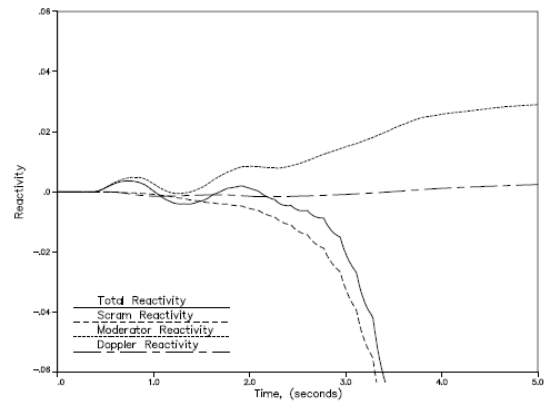
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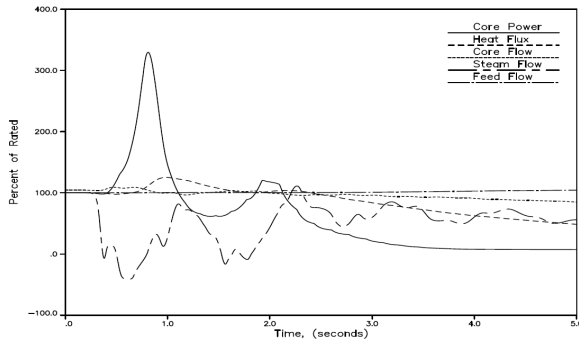
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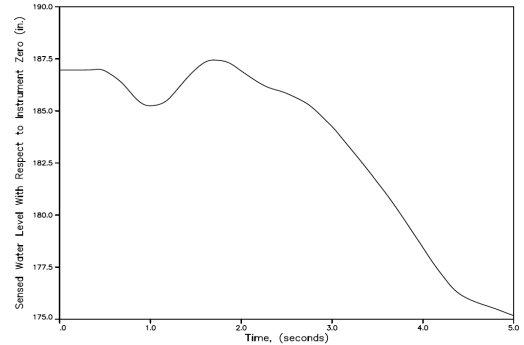
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TURBINE TRIP WITHOUT BYPASS, WITH ICF,
UNIT 2 – CURRENT CYCLE (EOC 23)



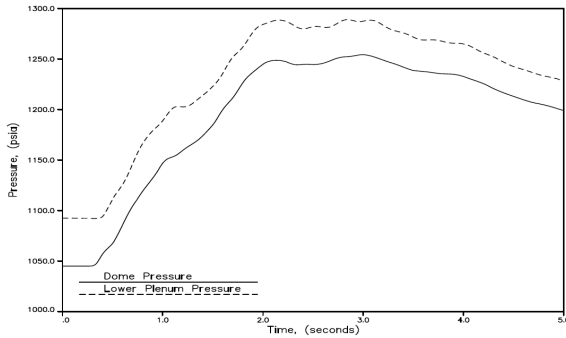
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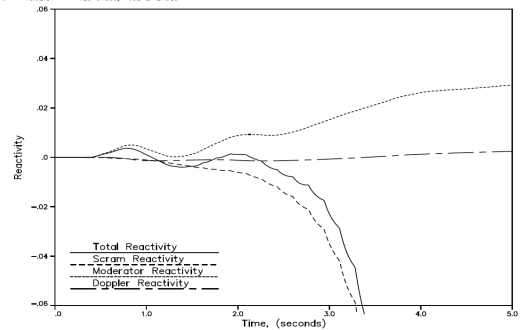
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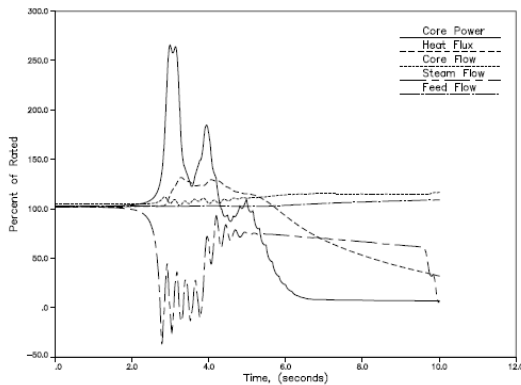
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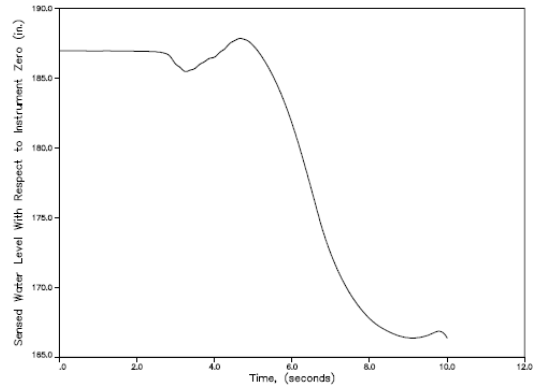
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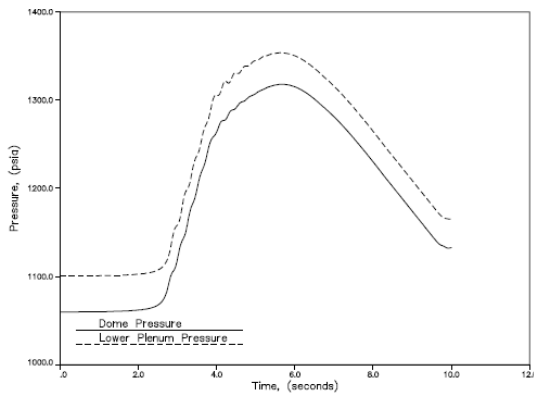
CLOSURE OF ALL MSIV, FLUX SCRAM, UNIT 1 – CURRENT CYCLE (CYCLE 22)



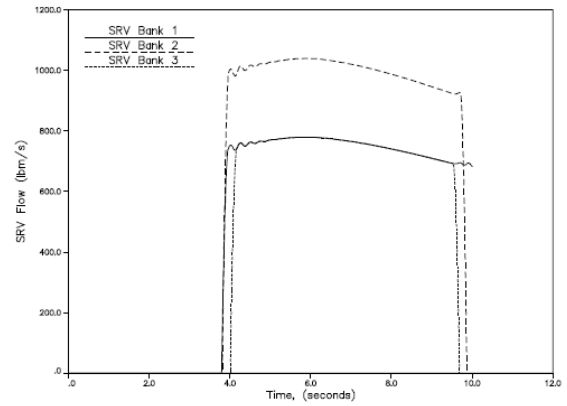
BRK1 CY22 ASME MSIV 102P104.5F 20564.8X HBB TSSS PAM BASE
 11/01/17 132244 NGS-93401, JOB ID-15718



BRK1 CY22 ASME MSIV 102P104.5F 20564.8X HBB TSSS PAM BASE
 11/01/17 132244 NGS-93401, JOB ID-15718



BRK1 CY22 ASME MSIV 102P104.5F 20564.8X HBB TSSS PAM BASE
 11/01/17 132244 NGS-93401, JOB ID-15718



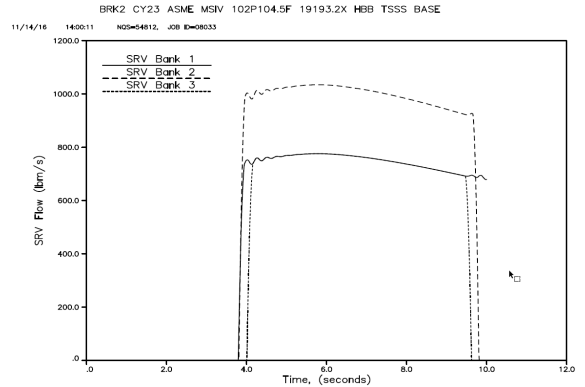
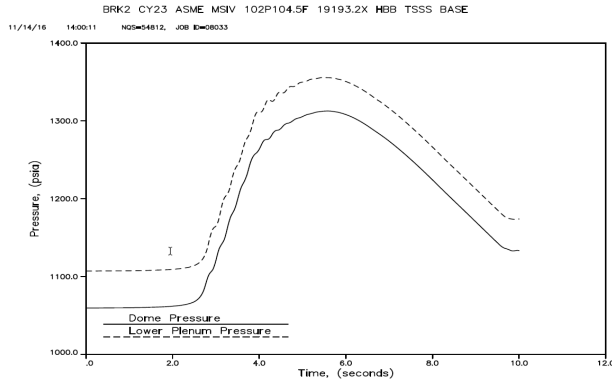
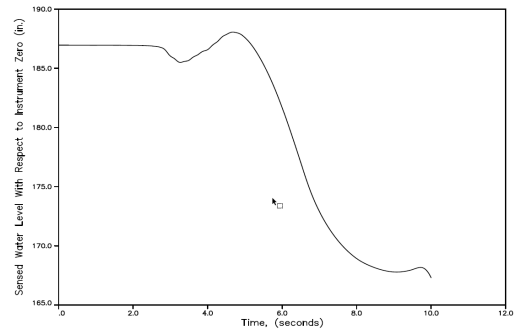
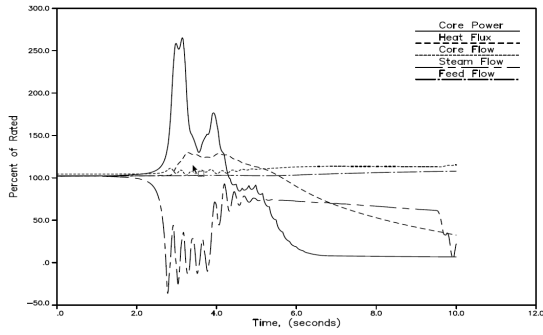
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 11/01/17 132244 NGS-93401, JOB ID-15718



UPDATED FSAR
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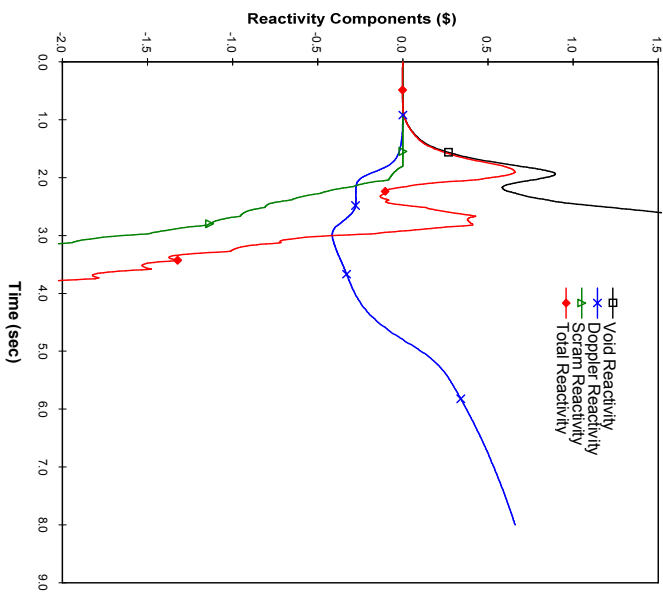
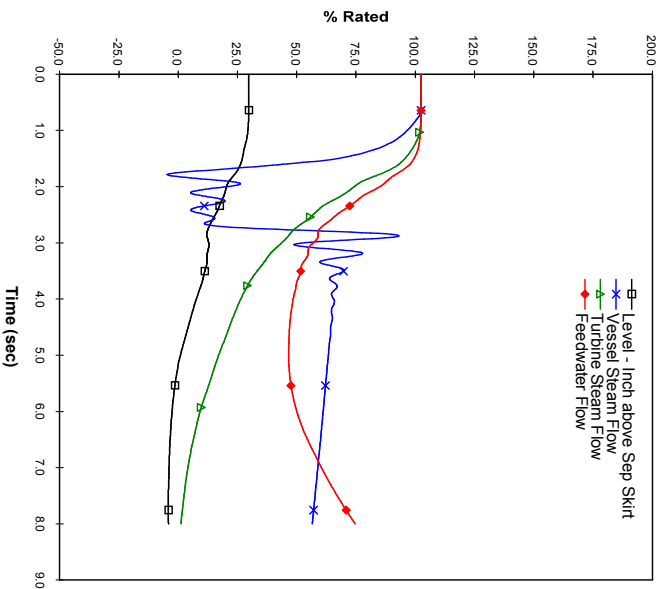
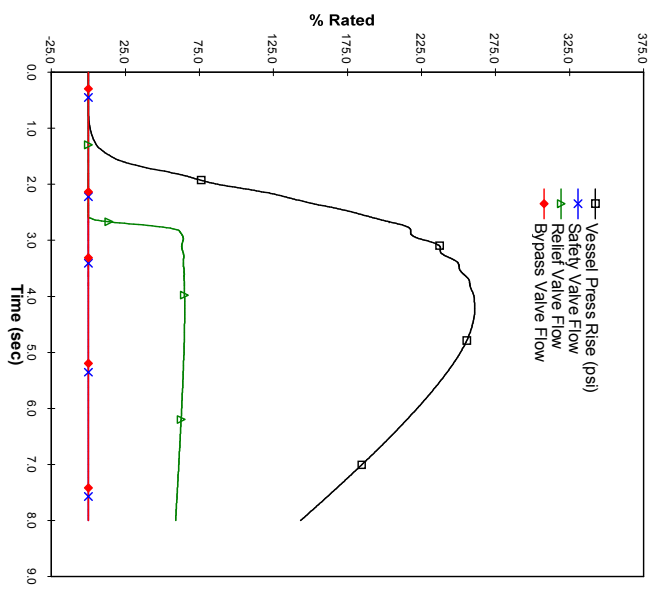
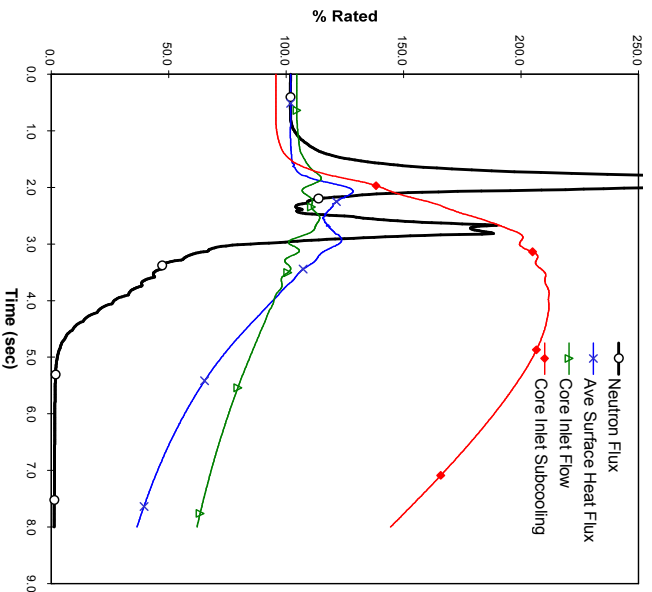
**CLOSURE OF ALL MSIV, FLUX SCRAM,
UNIT 2 - CYCLE 23**



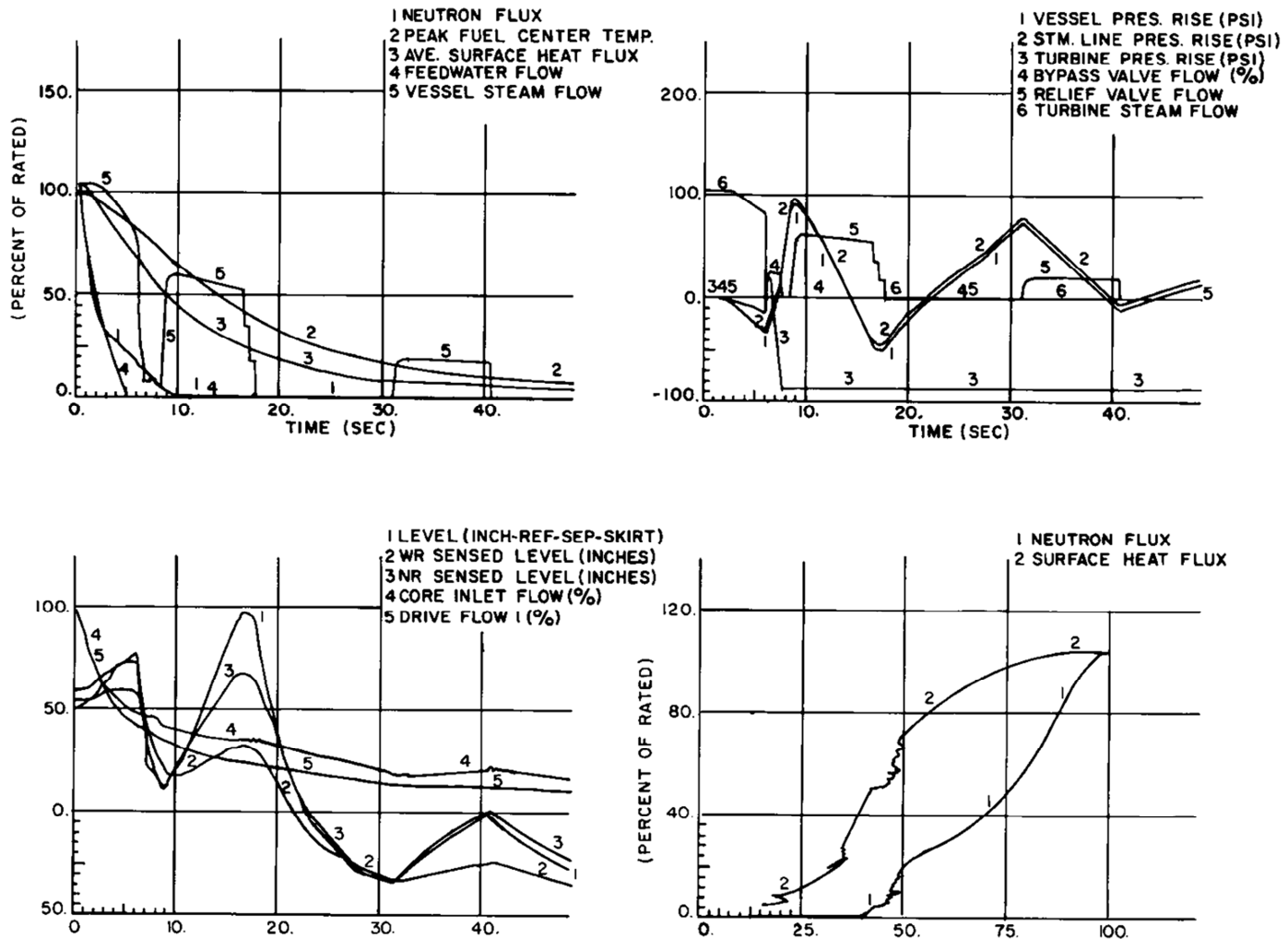
BRK2 CY23 ASME MSIV 102P104.5F 19193.2X HBB TSSS BASE
11/14/16 14:00:11 NGS-54812, JOB ID=08033

BRK2 CY23 ASME MSIV 102P104.5F 19193.2X HBB TSSS BASE
11/14/16 14:00:11 NGS-54812, JOB ID=08033

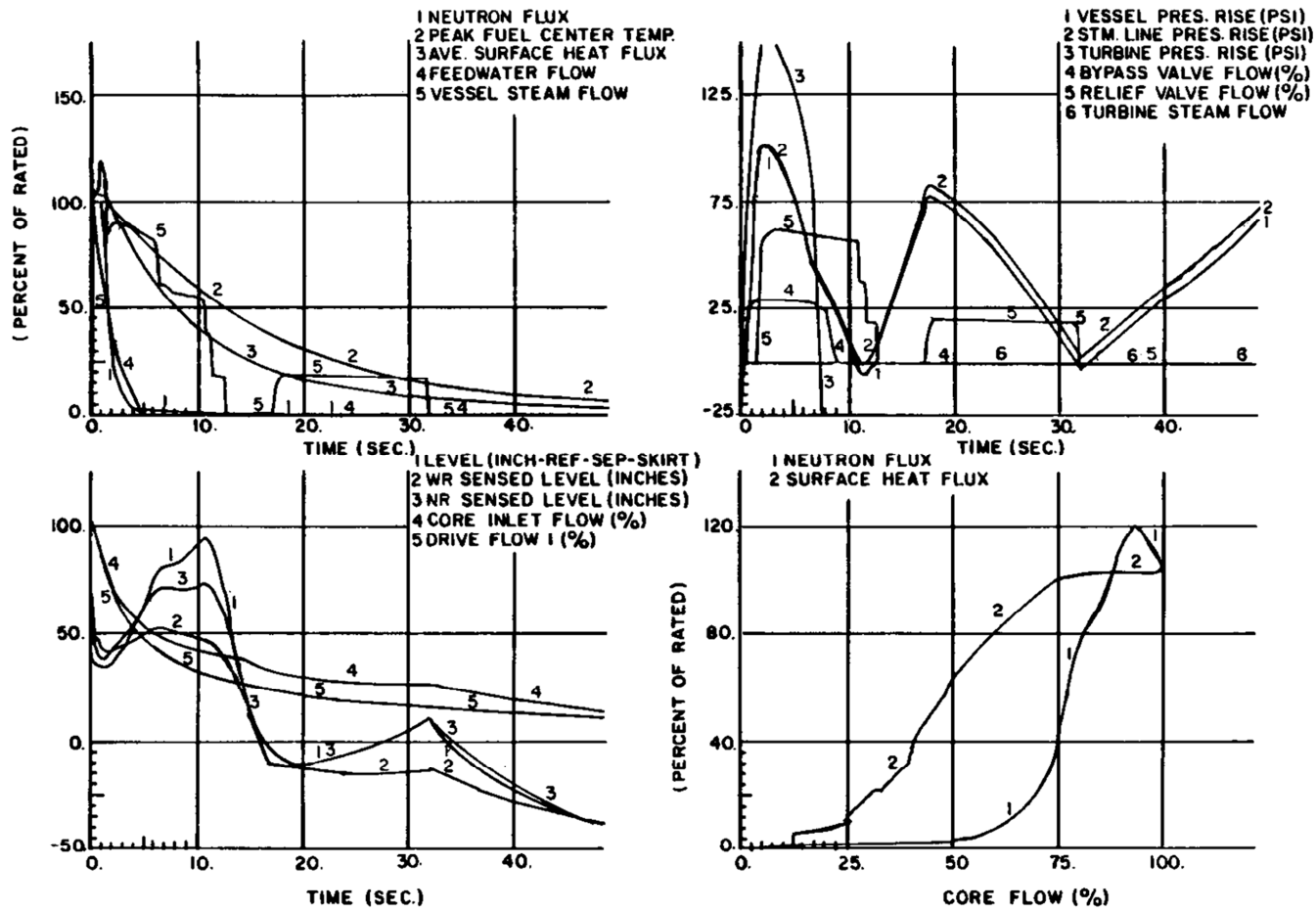
EXTENDED POWER UPRATE MSIV CLOSURE WITH FLUX SCRAM (102 PERCENT INITIAL POWER)



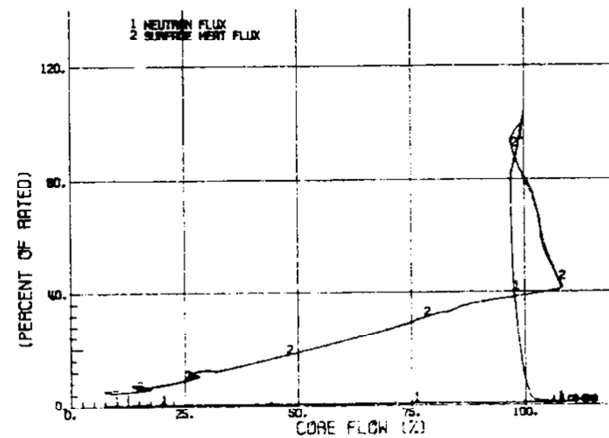
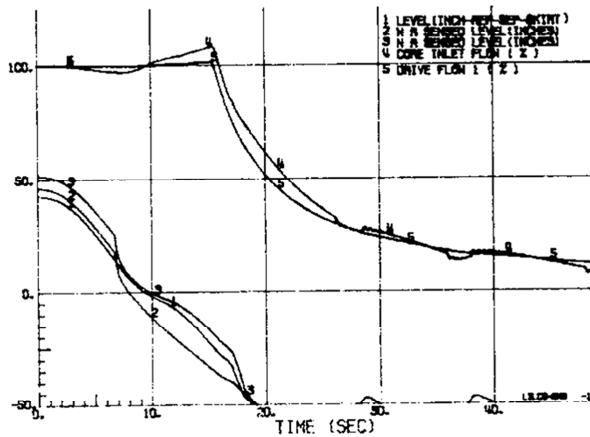
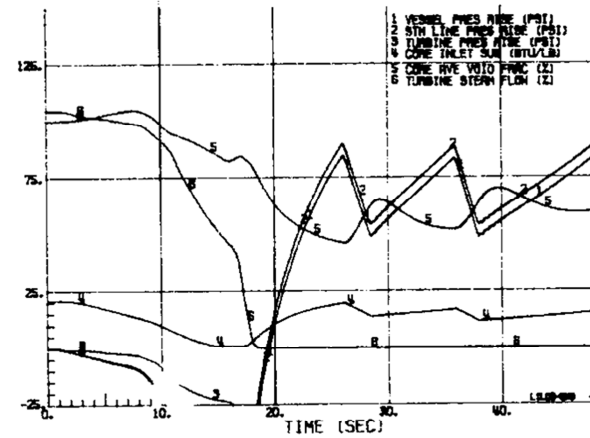
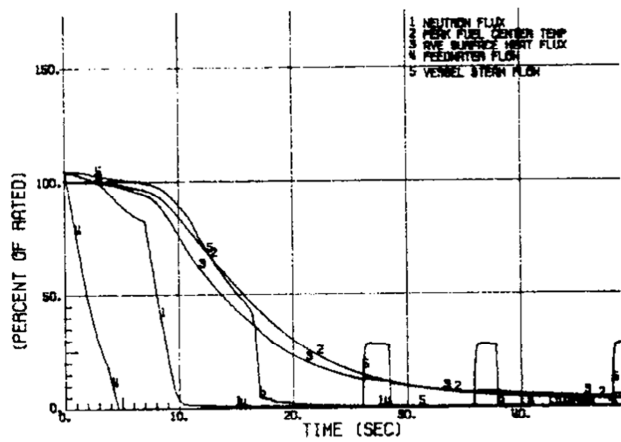
LOSS OF AUXILIARY POWER (TRANSFORMER) WITH 25 PERCENT BYPASS, UNIT 2 – CYCLE 1



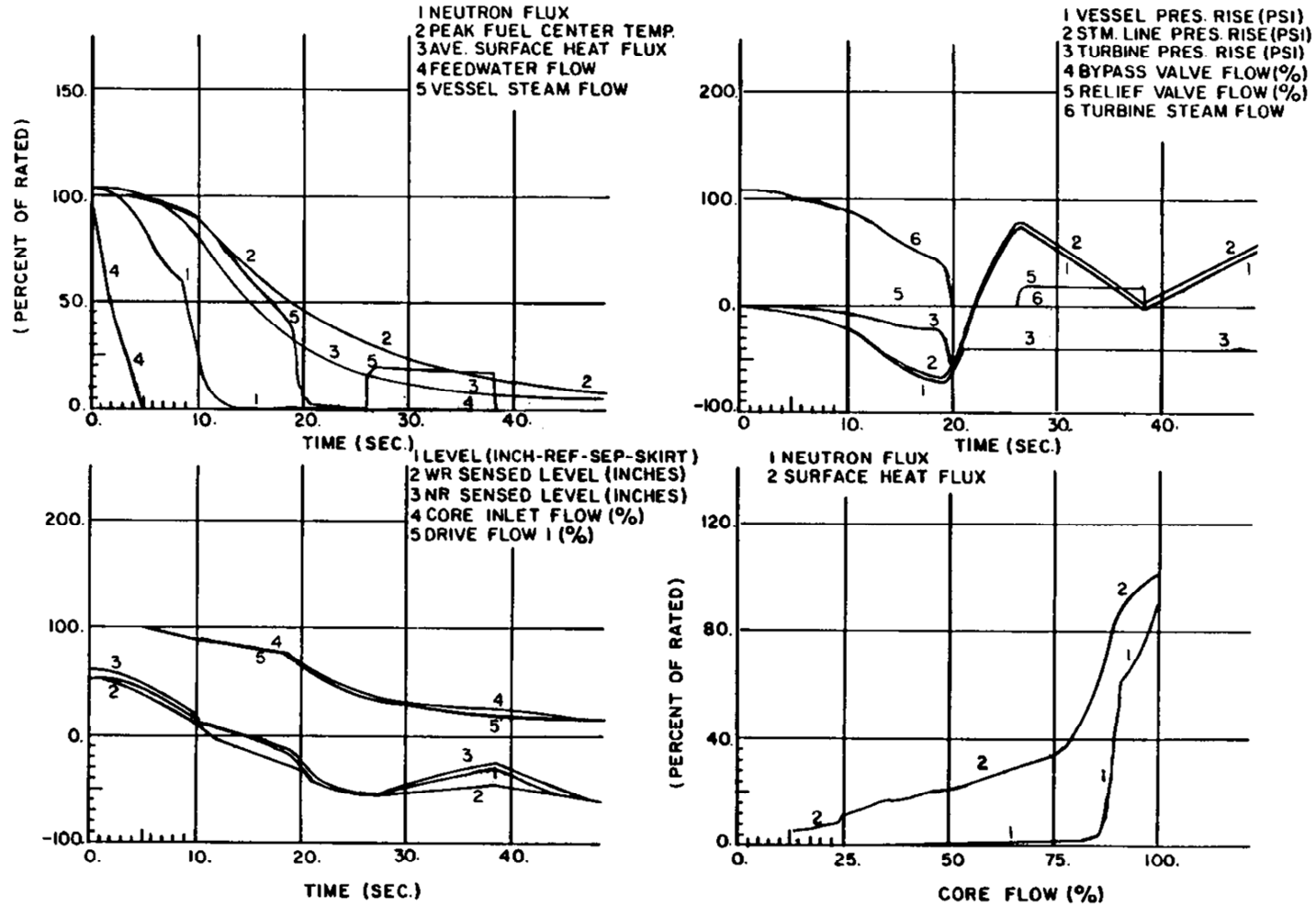
LOSS OF AUXILIARY POWER (ALL GRID CONNECTIONS)
WITH 25 PERCENT BYPASS, UNIT 2 – CYCLE 1



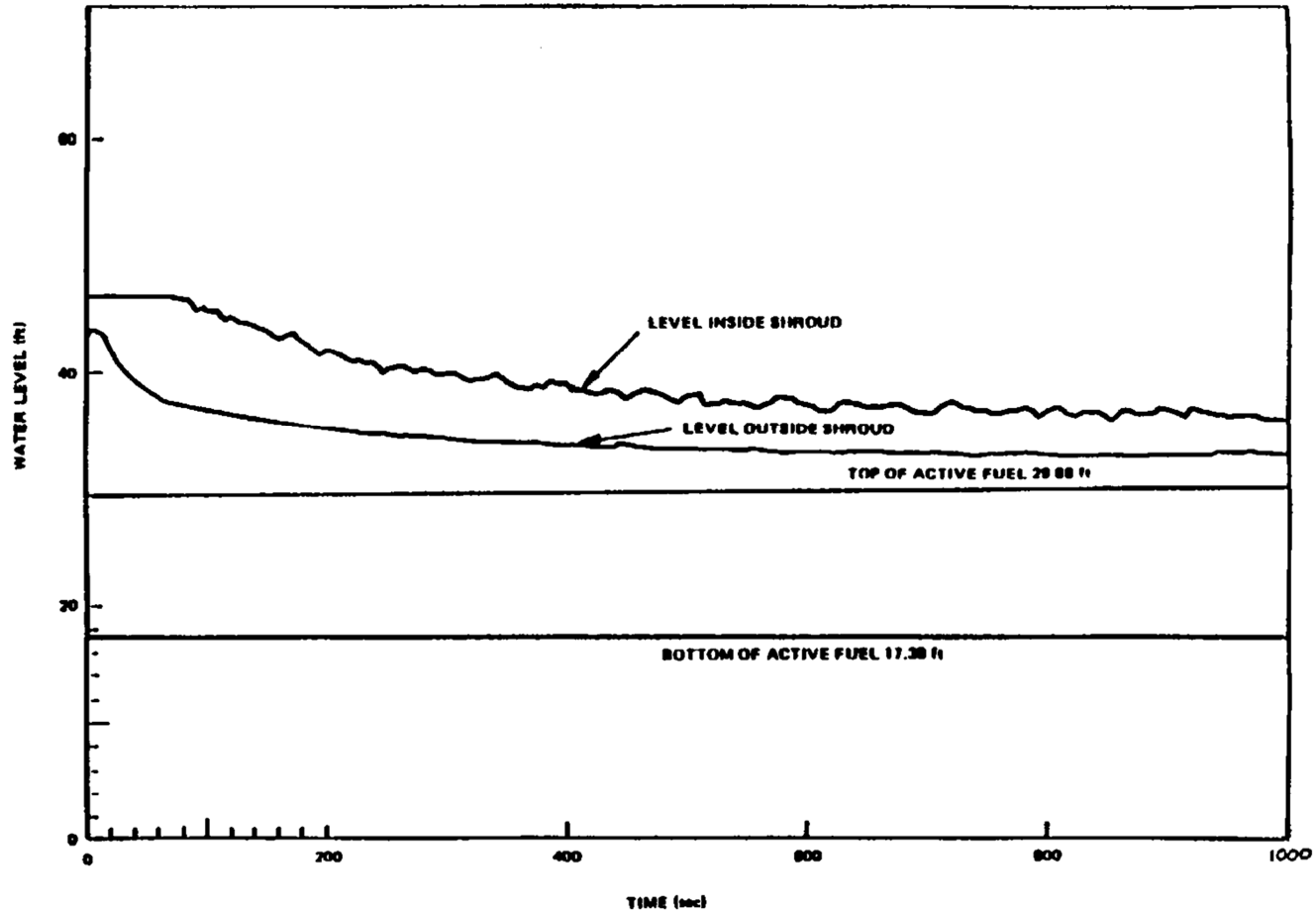
LOSS OF FEEDWATER FLOW, UNIT 1 – CYCLE 1



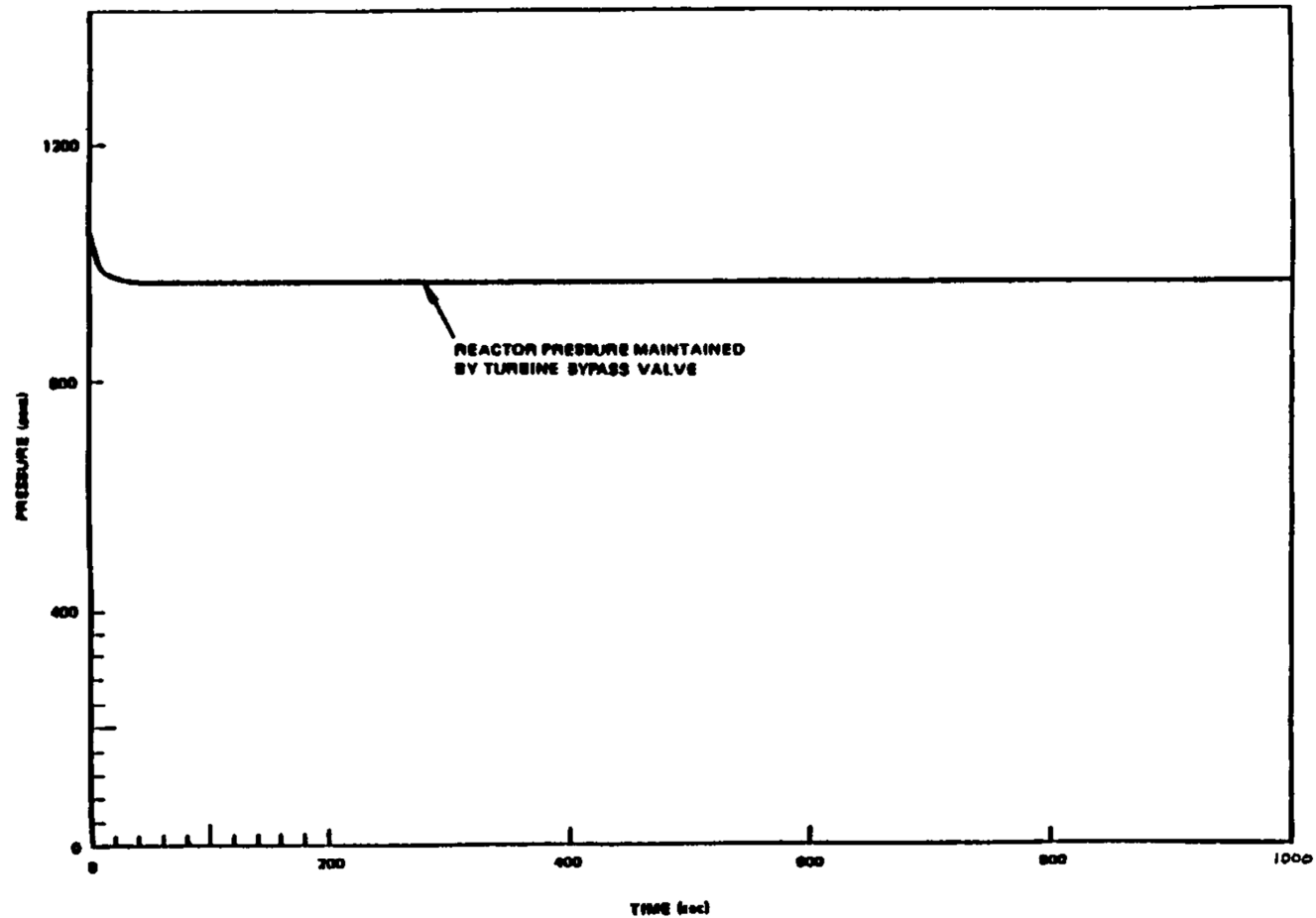
LOSS OF FEEDWATER FLOW, UNIT 2 - CYCLE 1



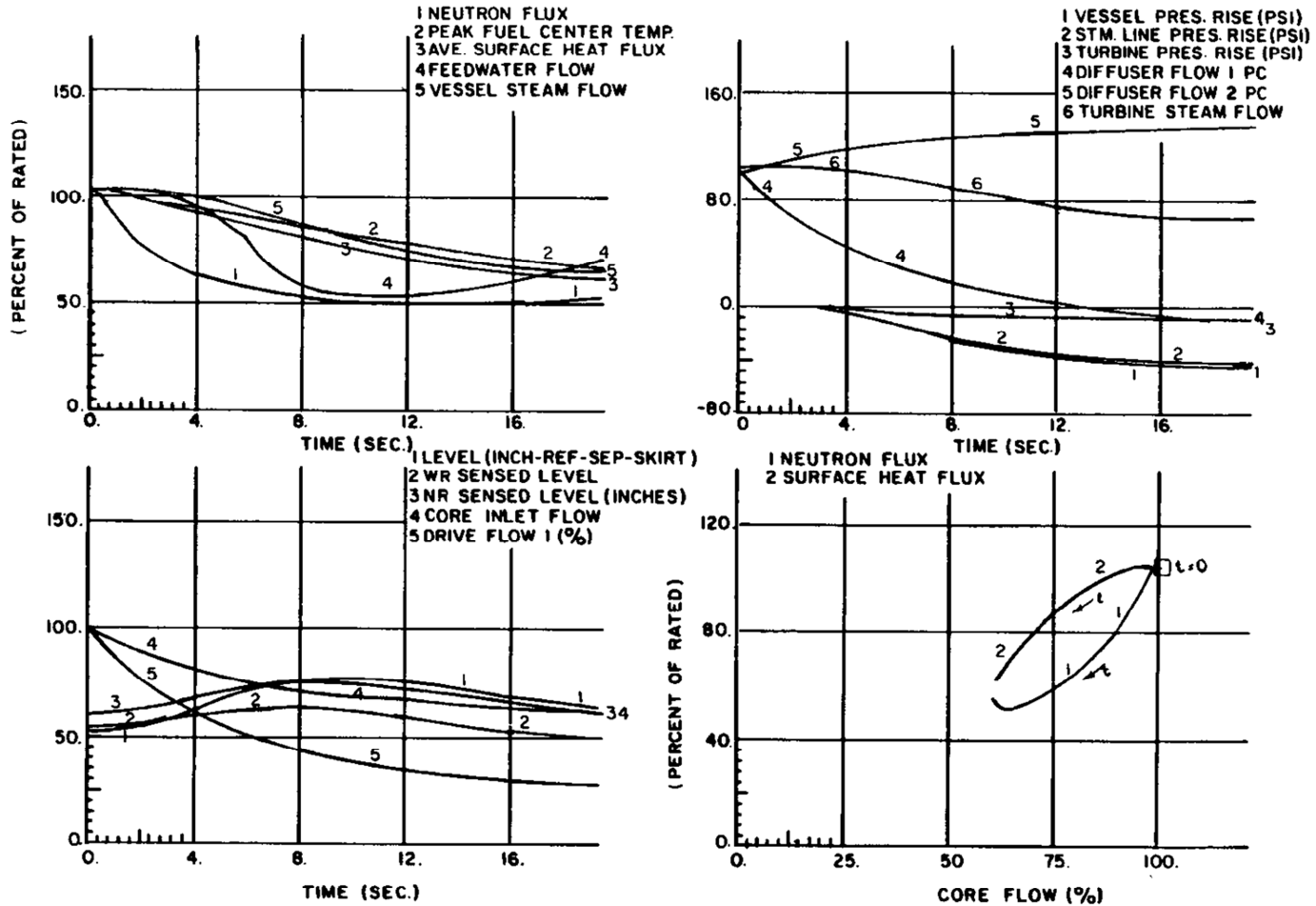
WATER LEVEL RESPONSE WITH REACTOR CORE ISOLATION COOLING FOR LOSS OF FEEDWATER FLOW EVENT AT ORIGINAL POWER



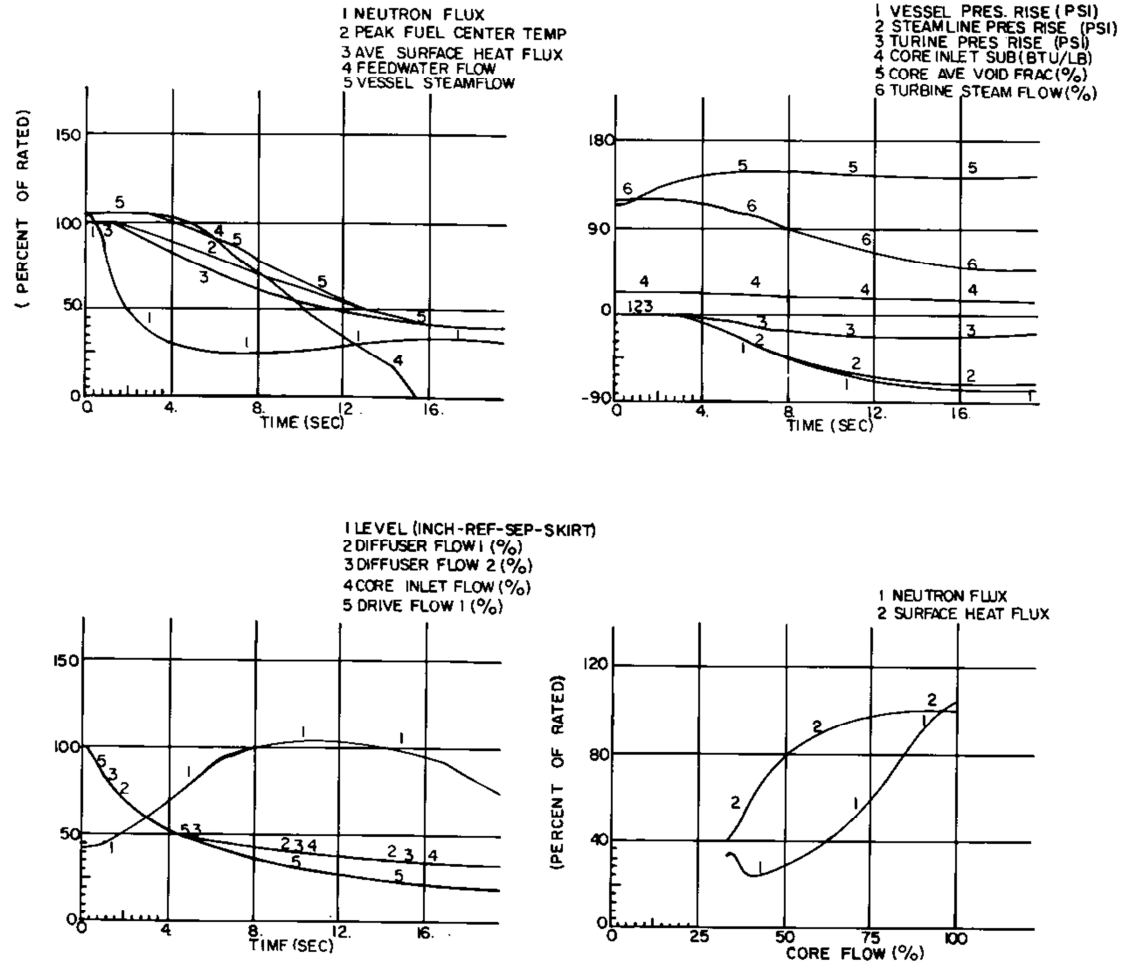
PRESSURE RESPONSE WITH REACTOR CORE ISOLATION COOLING FOR LOSS OF FEEDWATER FLOW EVENT AT ORIGINAL POWER



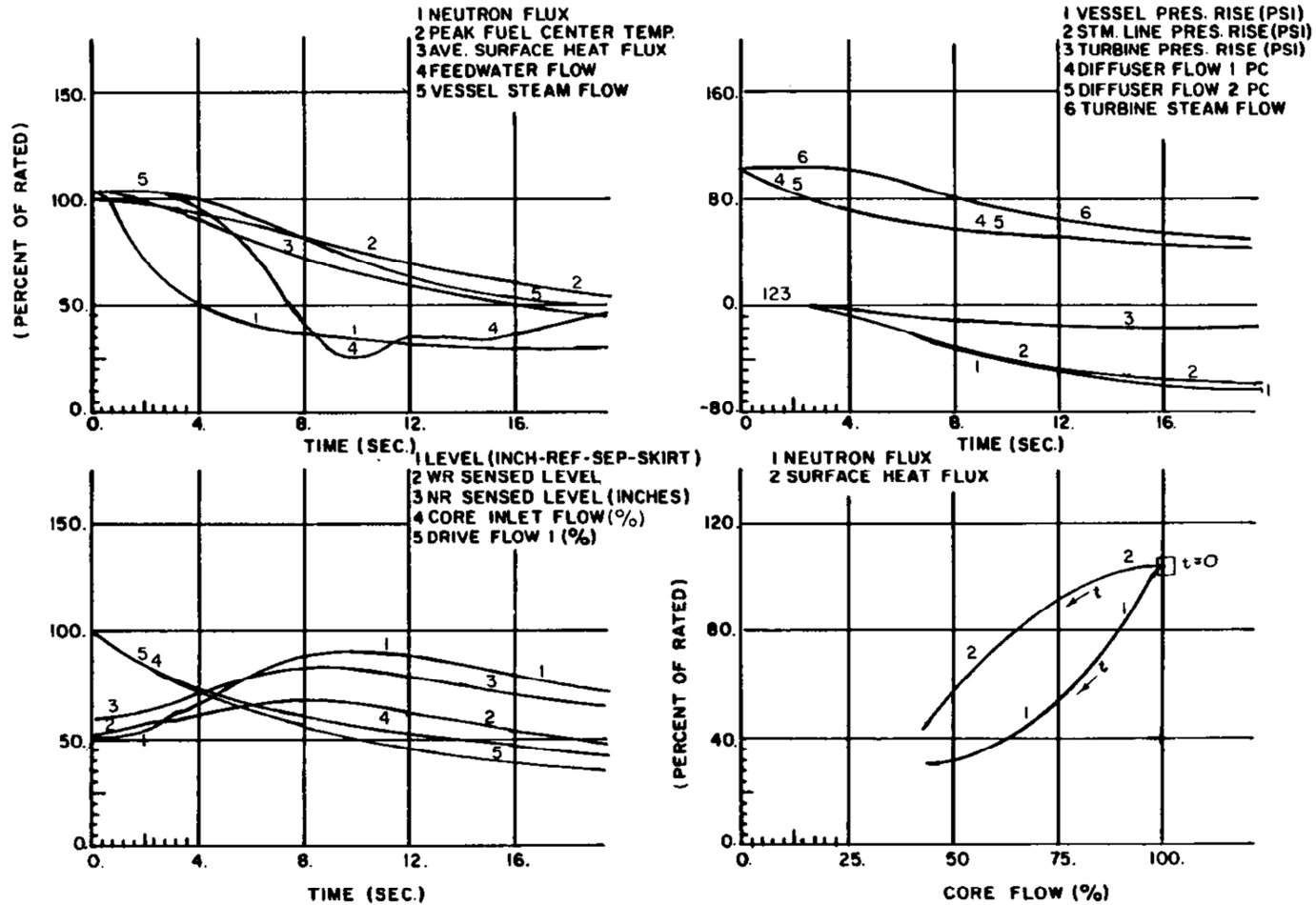
TRIP OF ONE RECIRCULATION PUMP, UNIT 2 – CYCLE 1



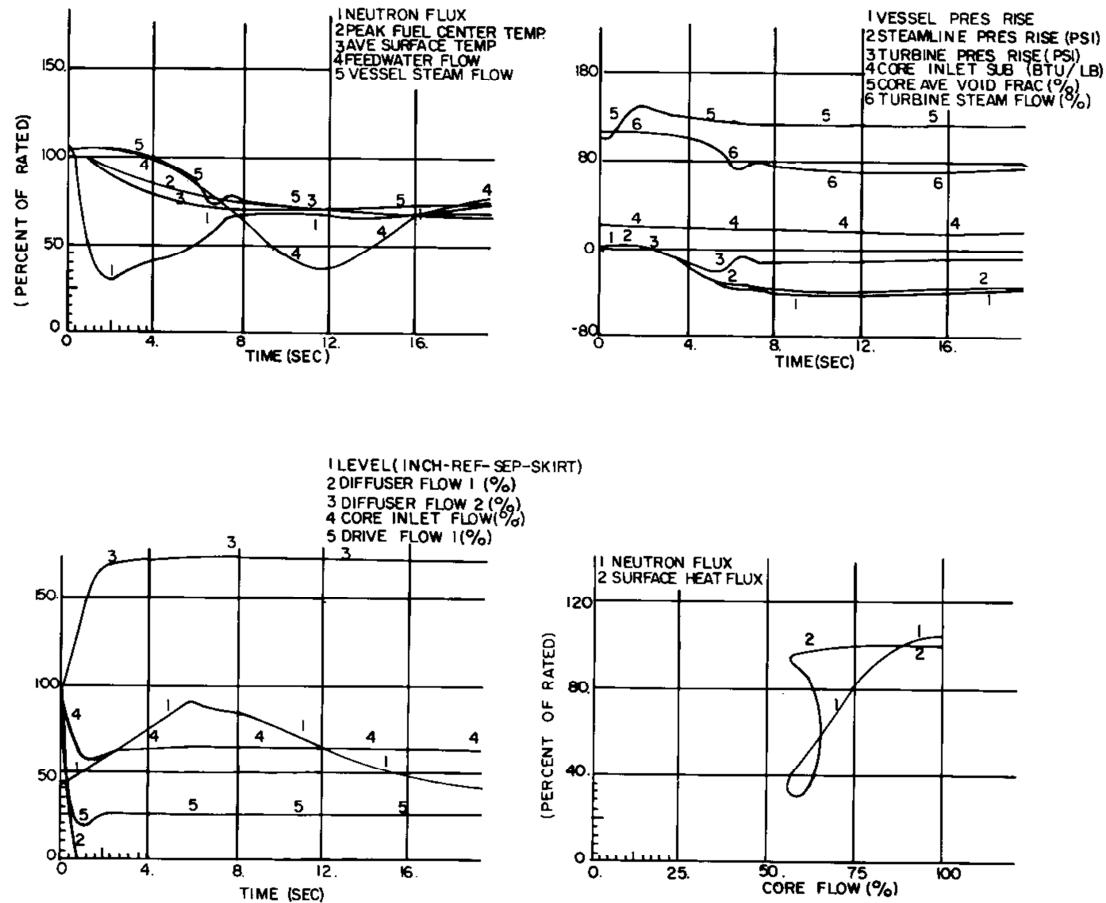
TRIP OF BOTH RECIRCULATION PUMPS, UNIT 1 – CYCLE 1



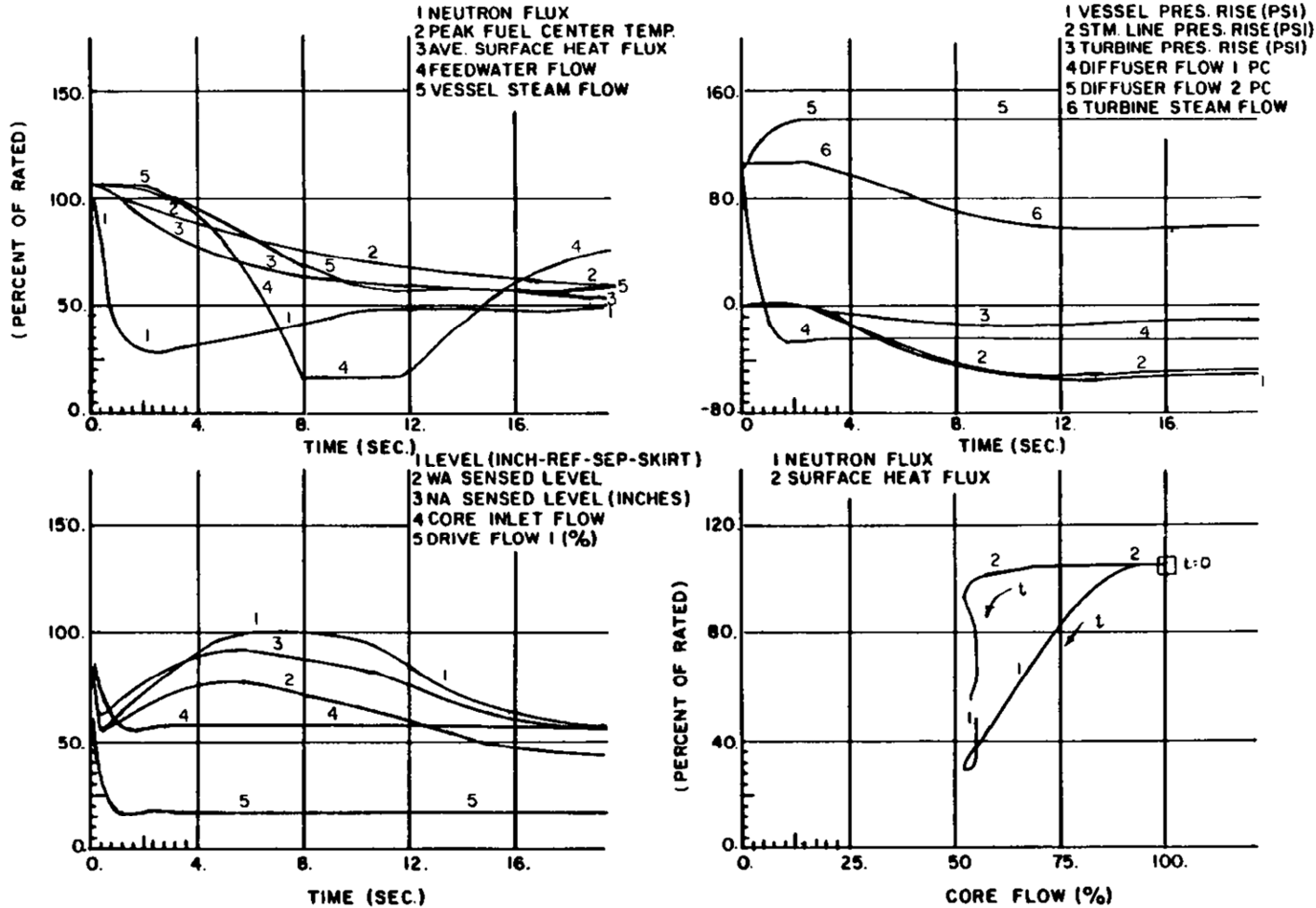
TRIP OF BOTH RECIRCULATION PUMPS, UNIT 2 – CYCLE 1



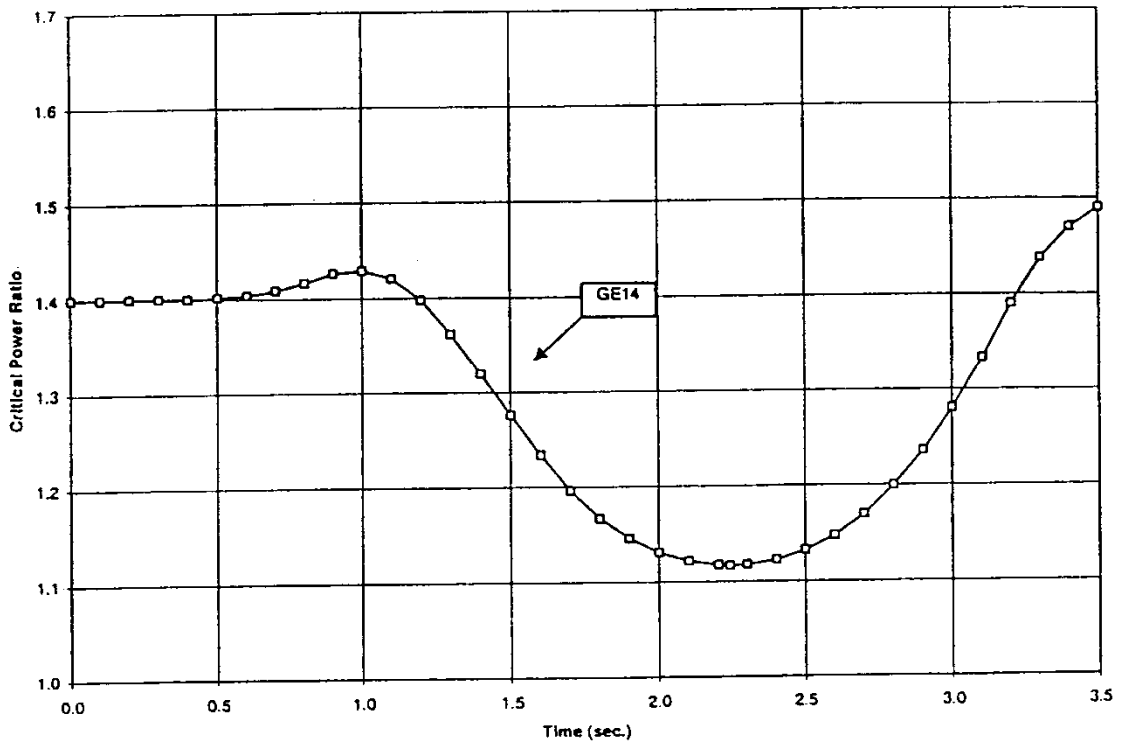
SEIZURE OF ONE RECIRCULATION PUMP, UNIT 1 – CYCLE 1



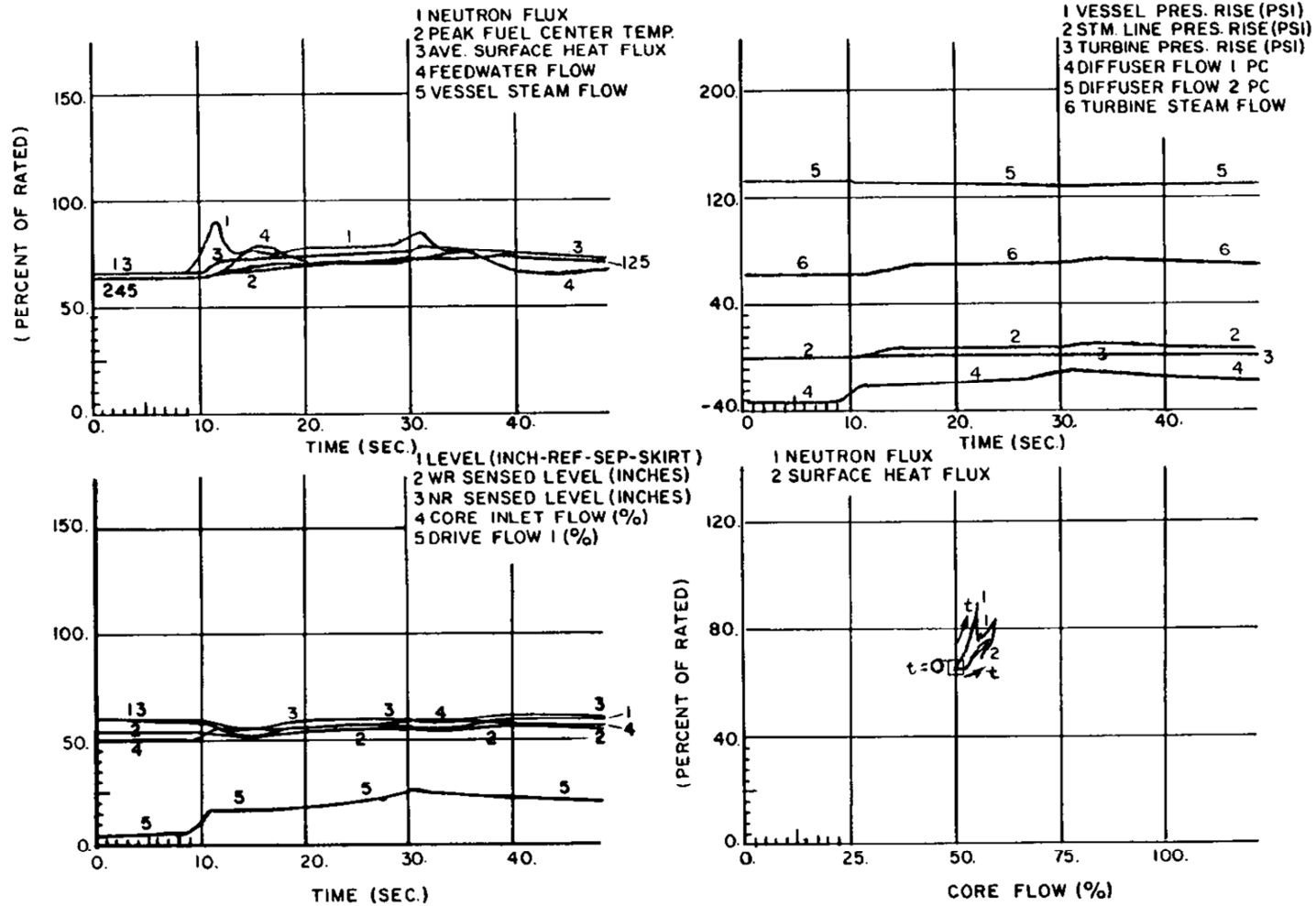
SEIZURE OF ONE RECIRCULATION PUMP, UNIT 2 – CYCLE 1



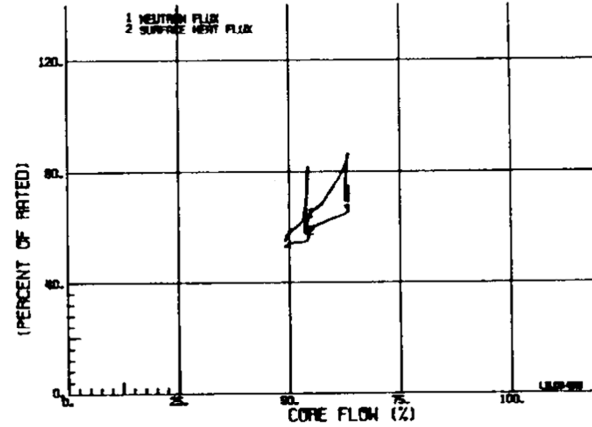
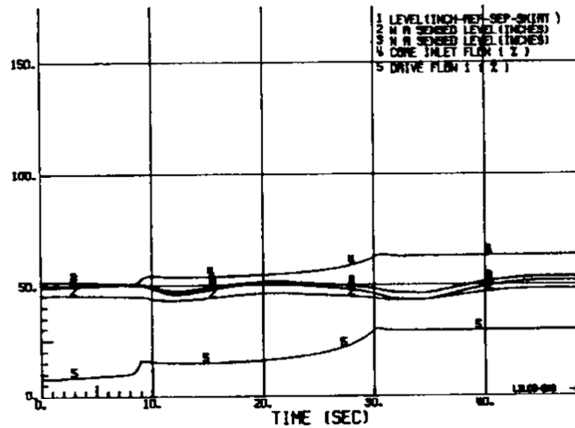
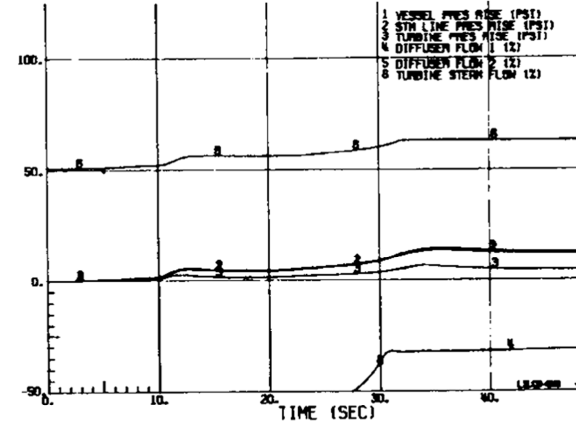
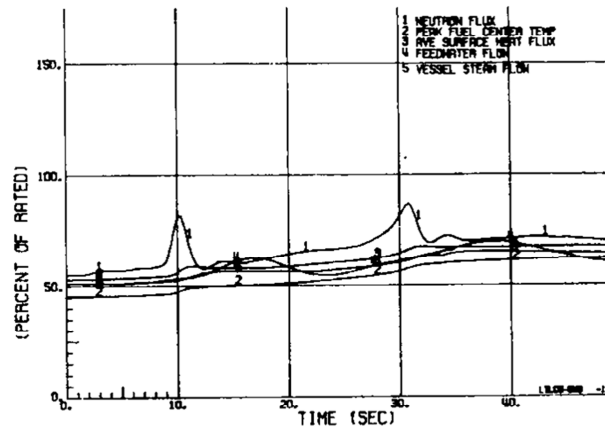
SEIZURE OF OPERATING RECIRCULATION PUMP SINGLE LOOP OPERATION



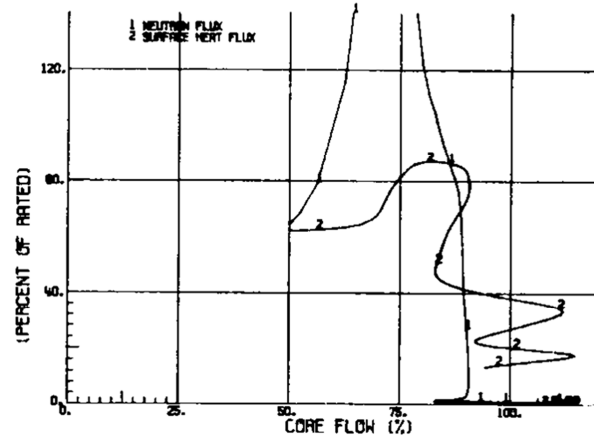
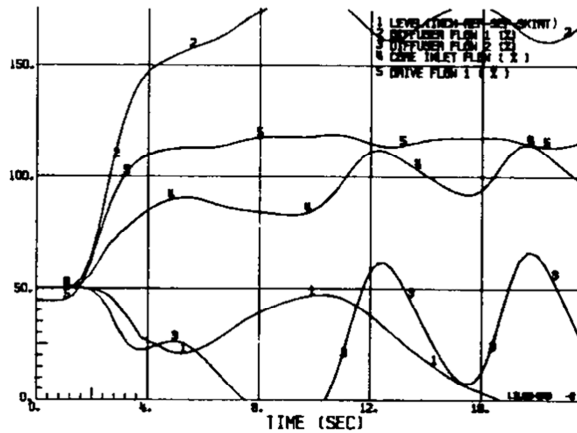
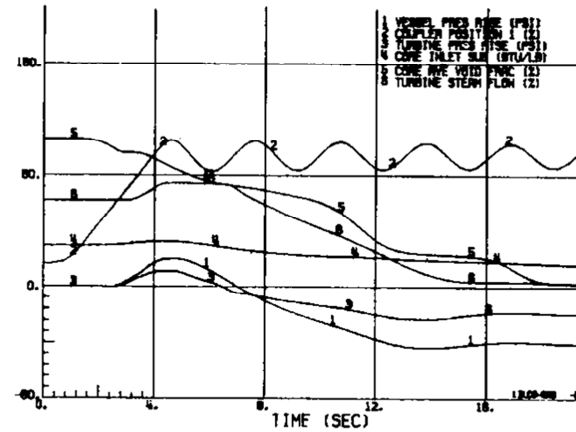
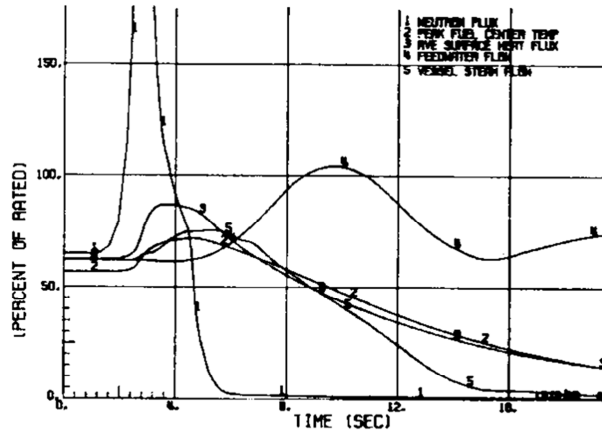
ABNORMAL STARTUP OF IDLE RECIRCULATION PUMP, UNIT 2 – CYCLE 1



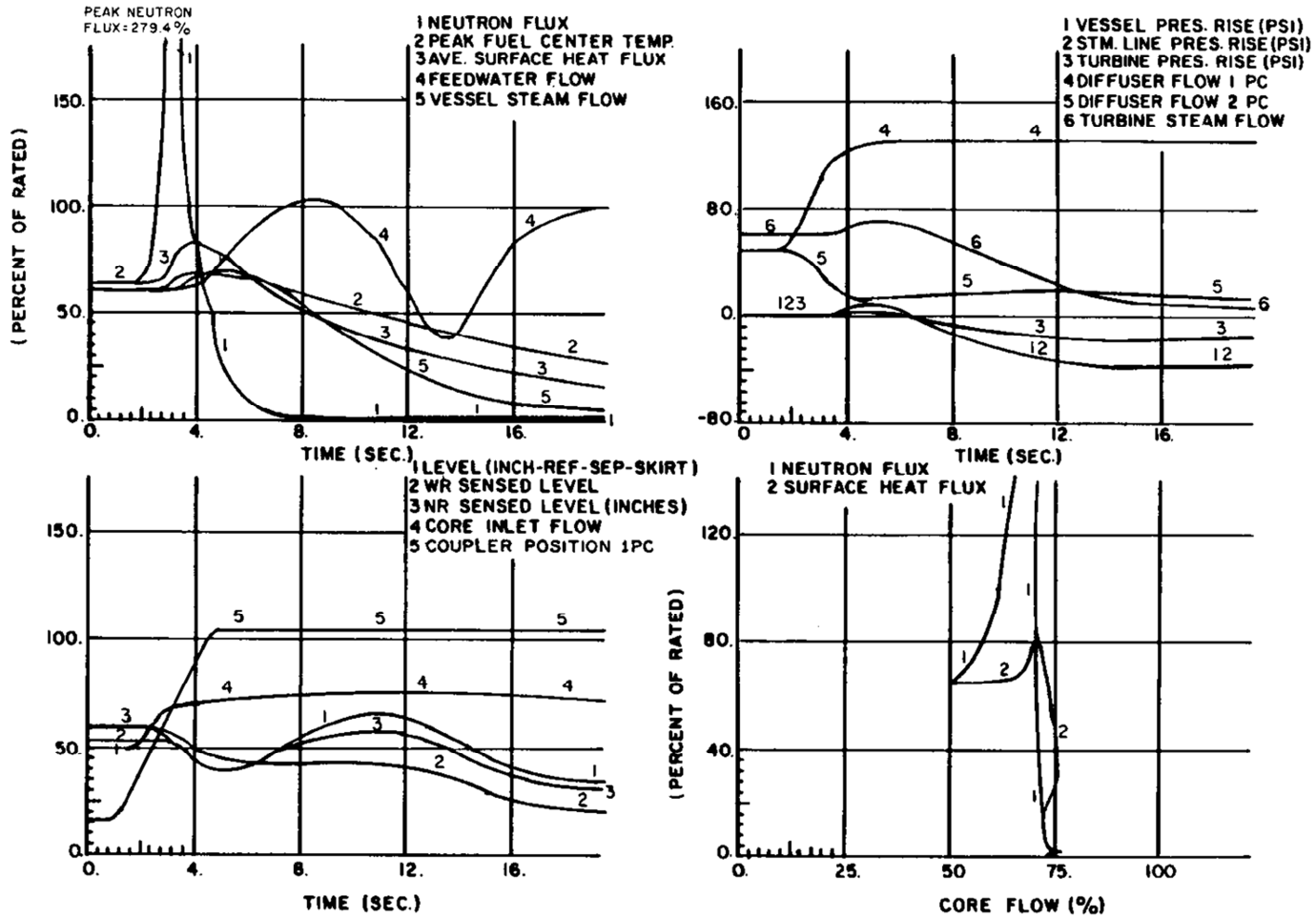
ABNORMAL STARTUP OF IDLE RECIRCULATION PUMP, UNIT 1 – CYCLE 1



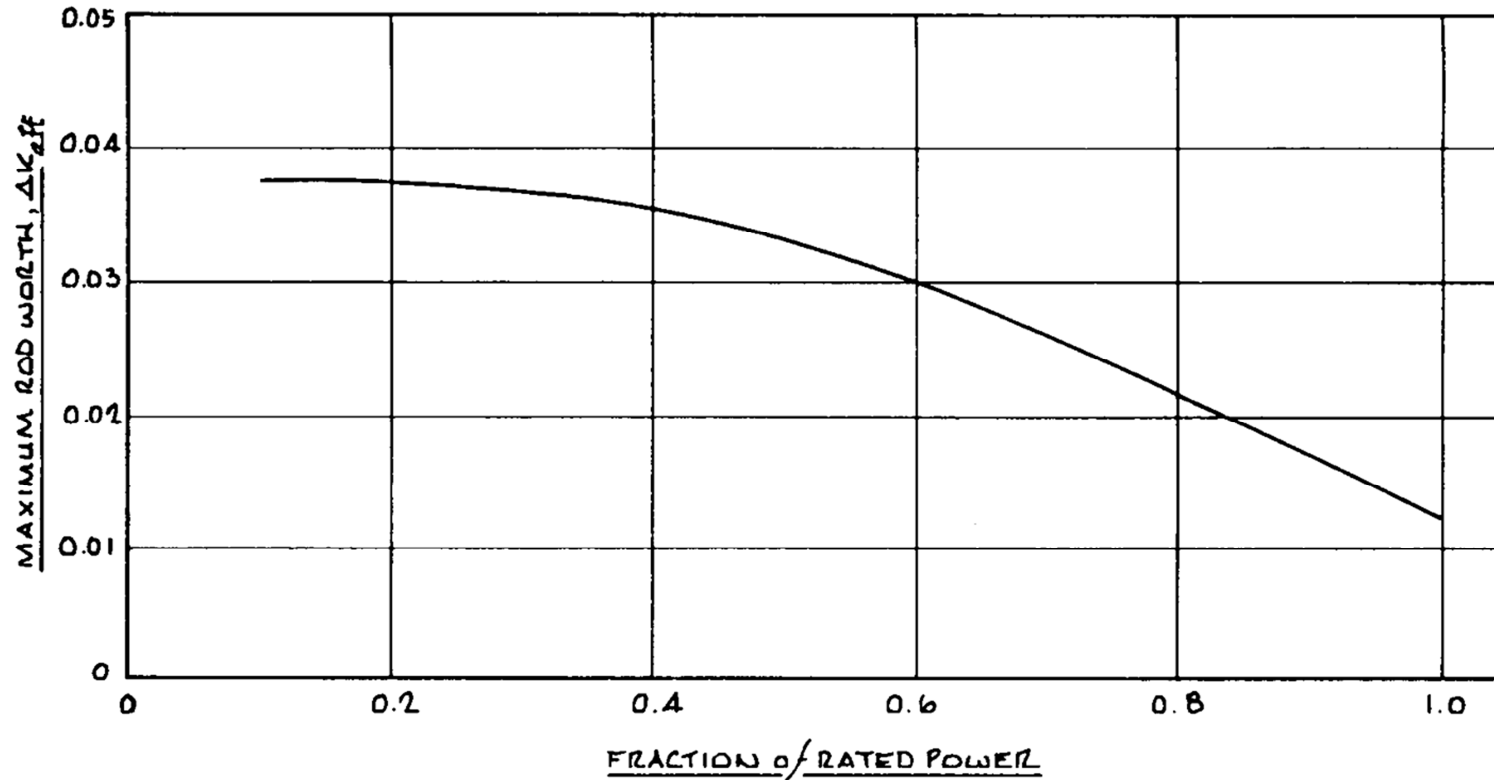
RECIRCULATION FLOW CONTROL FAILURE - INCREASING FLOW, UNIT 1 – CYCLE 1



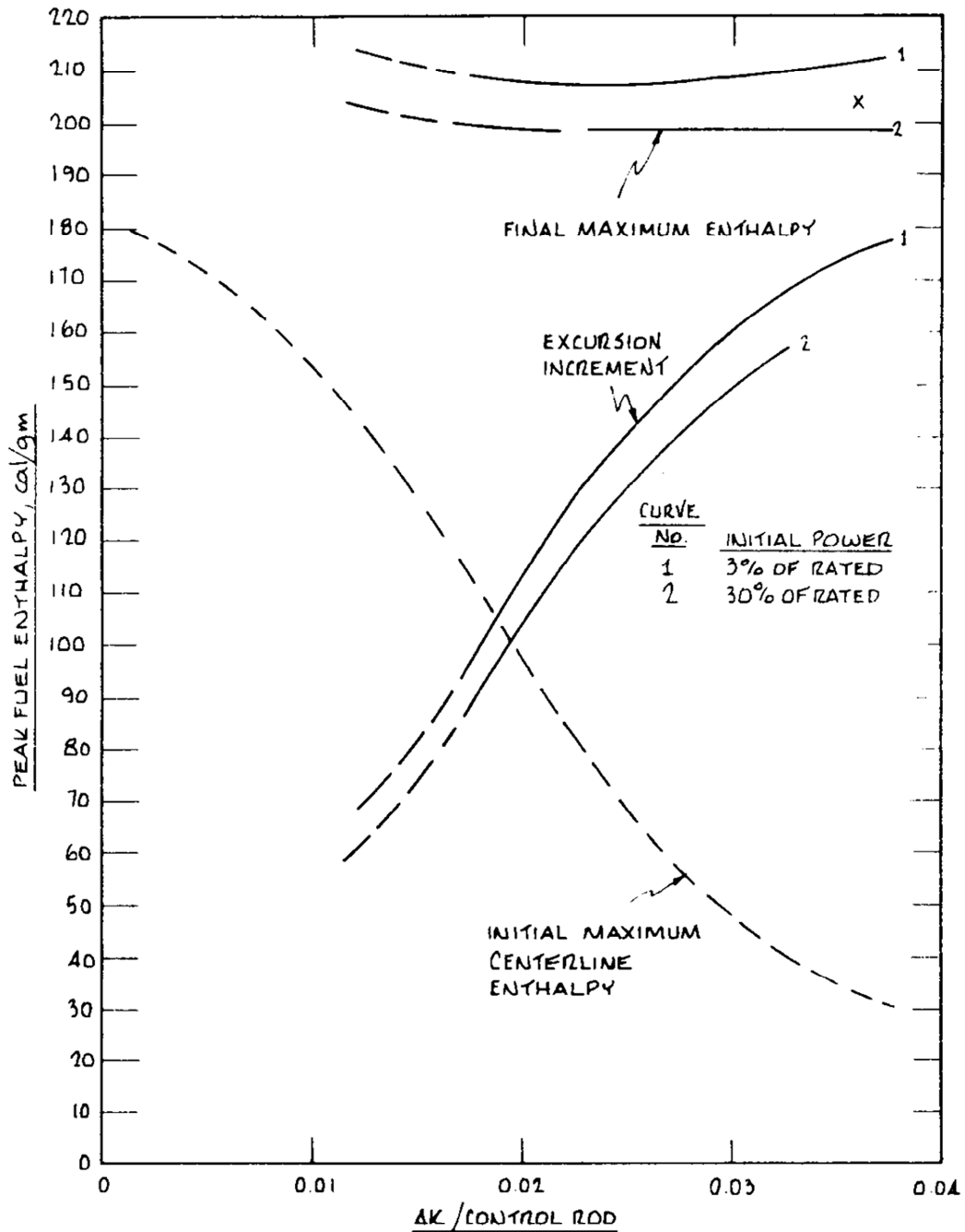
RECIRCULATION FLOW CONTROL FAILURE - INCREASING FLOW, UNIT 2 – CYCLE 1



MAXIMUM ROD WORTH VERSUS POWER LEVEL, UNIT 2 – CYCLE 1



**ROD DROP ACCIDENT (POWER RANGE) PEAK FUEL ENTHALPY,
 UNIT 2 – CYCLE 1**



MAIN STEAM LINE BREAK ACCIDENT BREAK LOCATION

