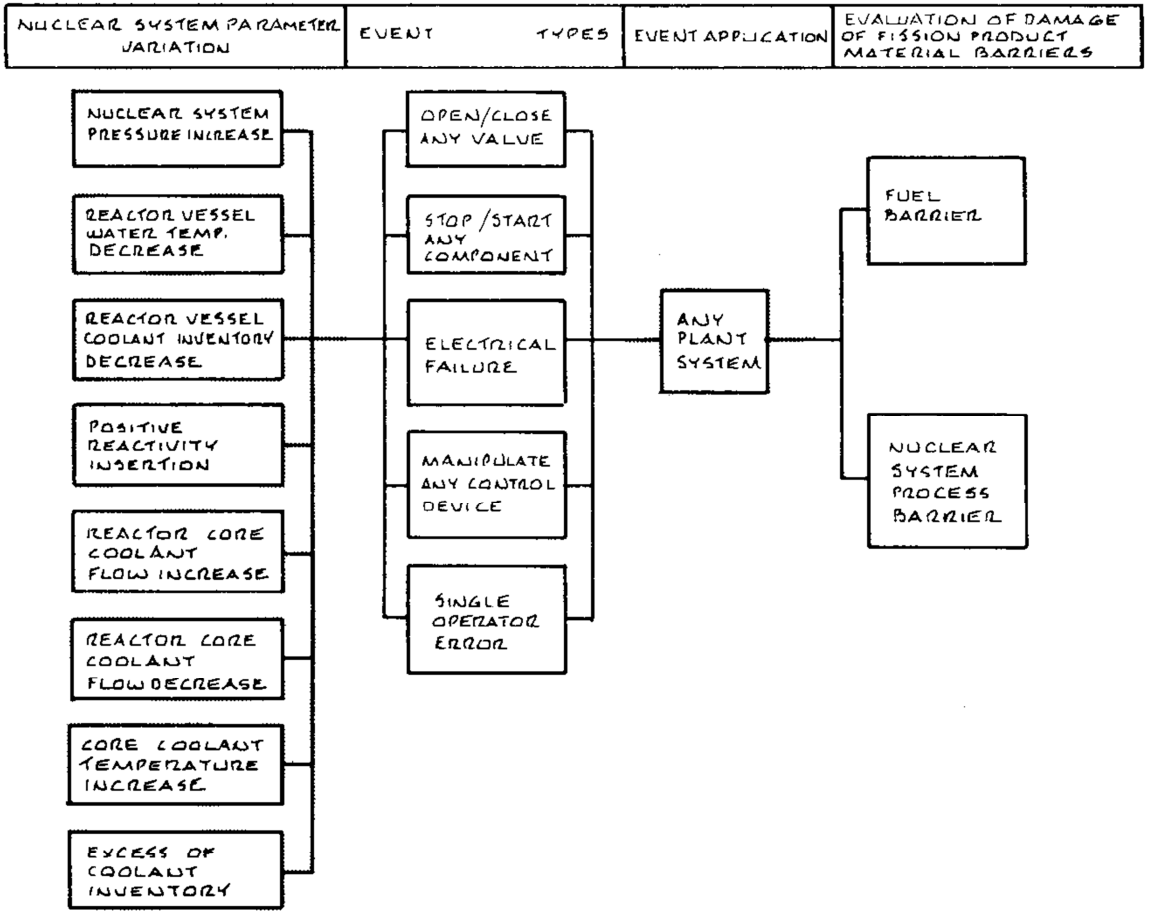
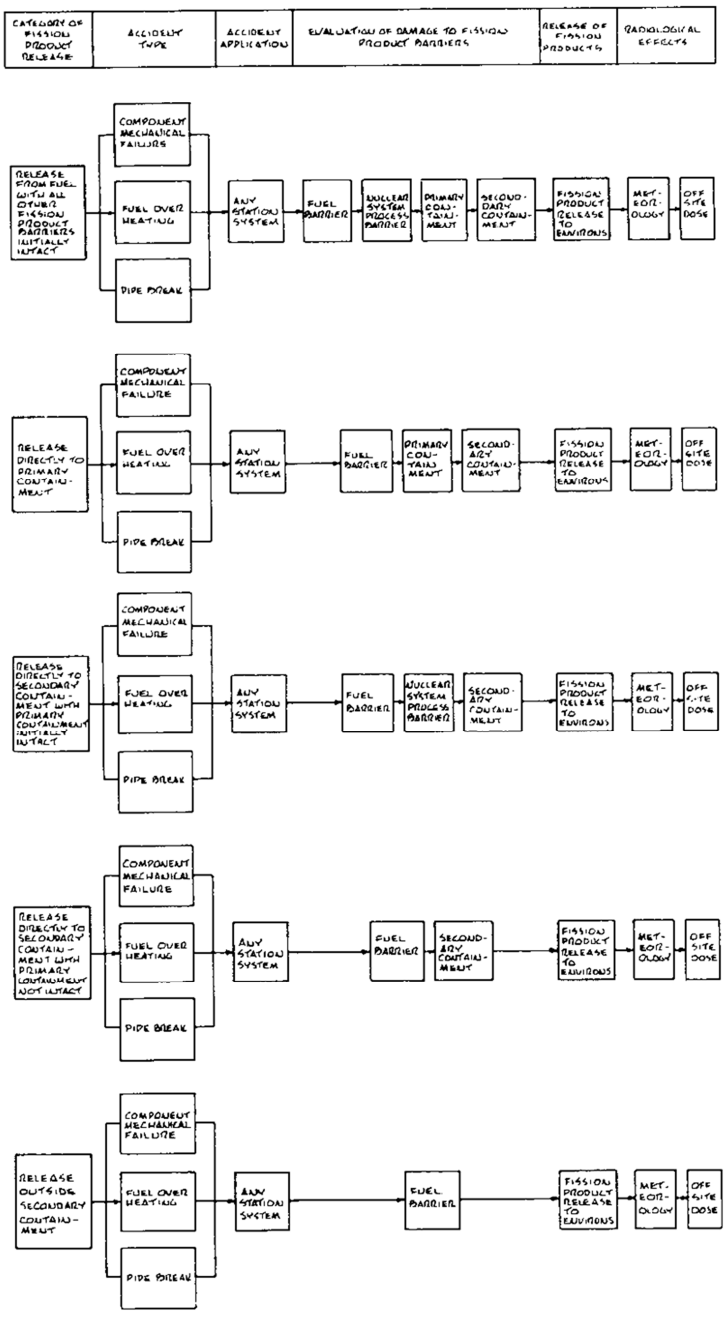
LIST OF FIGURES

LIST OF FIGURES

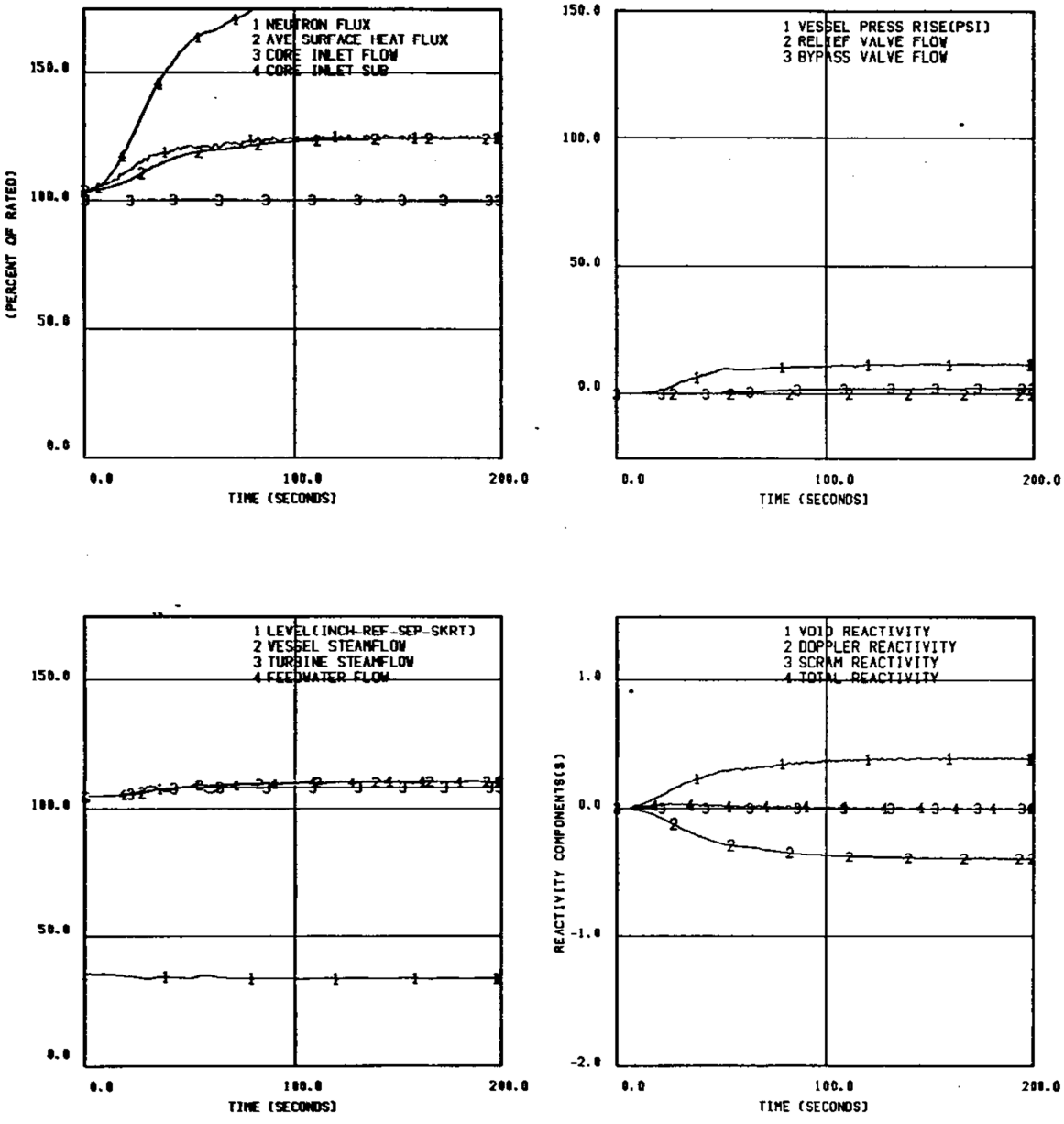
PLANT SAFETY ANALYSIS METHOD FOR IDENTIFYING AND EVALUATING ABNORMAL OPERATIONAL TRANSIENTS



PLANT SAFETY ANALYSIS METHOD FOR IDENTIFYING AND EVALUATING ACCIDENTS



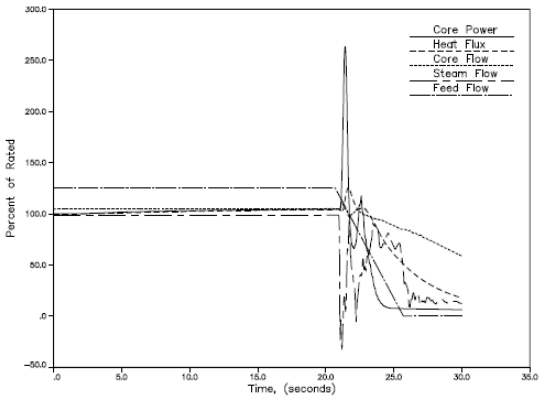
LOSS OF 100 DEGREE FEEDWATER HEATING, MANUAL FLOW CONTROL, UNIT 2 –CYCLE 7



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

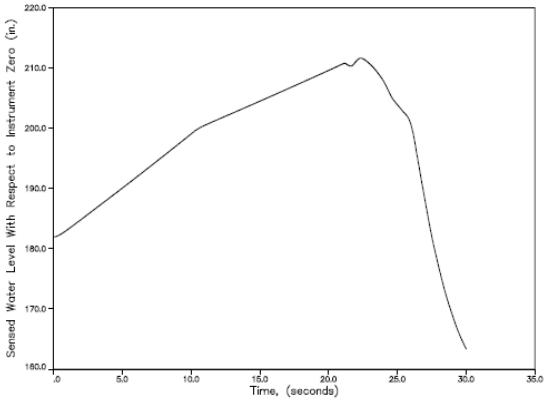
DELETED

FEEDWATER CONTROLLER FAILURE, MAXIMUM DEMAND (EOC), UNIT 1 – CYCLE 22



BRK1 CY22 FWCF 100P104.5F 19100.1X HBB TSSS Nom P −10psi FWT −10F PAM

10/20/17 05:33:07 NQS=78947, JOB ID=27625



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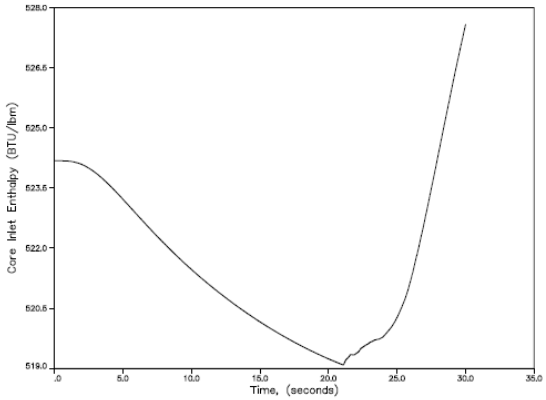

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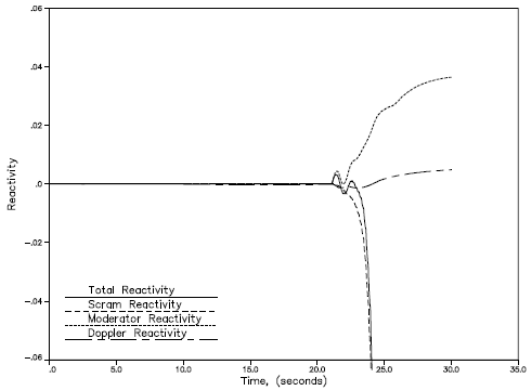
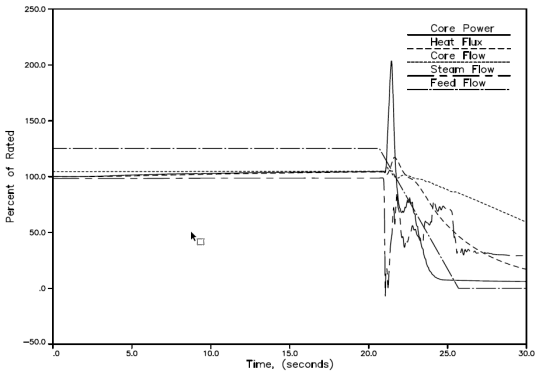
10/20/17 05:33:07 NQS=78947, JOB ID=27625



BRK1 CY22 FWCF 100P104.5F 19100.1X HBB TSSS Nom P −10psi FWT −10F PAM

10/20/17 05:33:07 NQS=78947, JOB ID=27625

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



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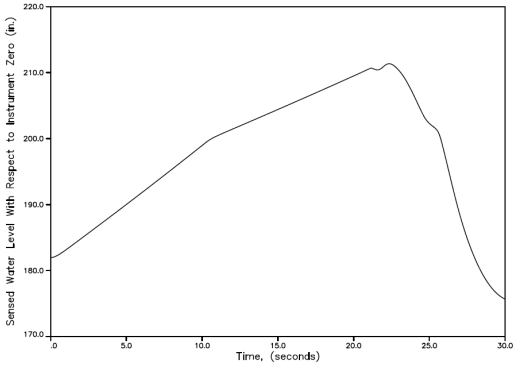
11/06/16 13:50:06 NQS=32099, JOB ID=11980



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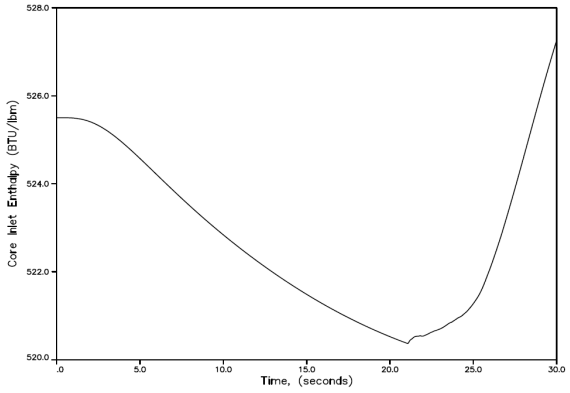

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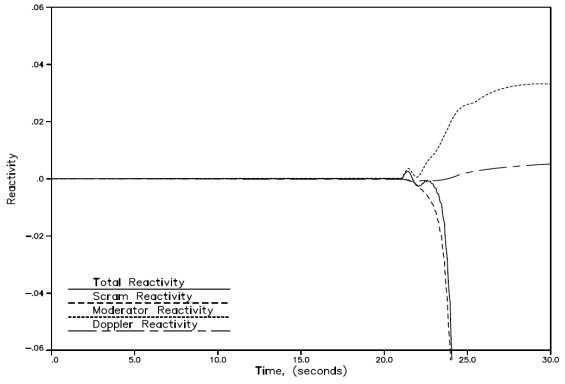
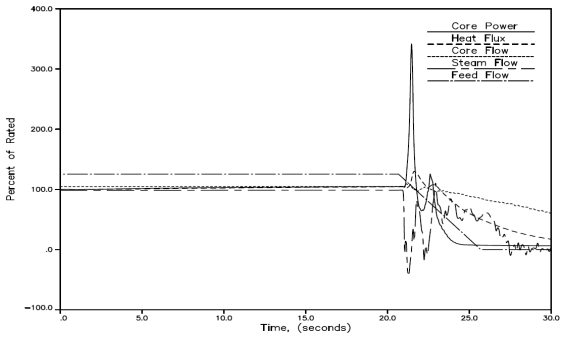


BRK2 CY23 FWCF 100P104.5F 18681.0X HBB TSSS Nom P FWT −10F

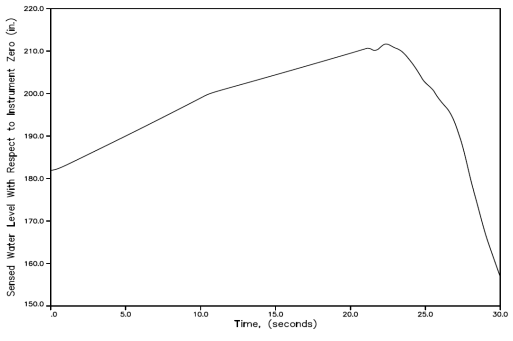
11/06/16 13:50:06 NQS=32099, JOB ID=11980

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



BRK2 CY23 FWCF NOBYPASS 100P104.5F 18681.0X HBB TSSS Nom P FWT −10F

11/06/16 14:35:55 NQS=32144, JOB ID=25112



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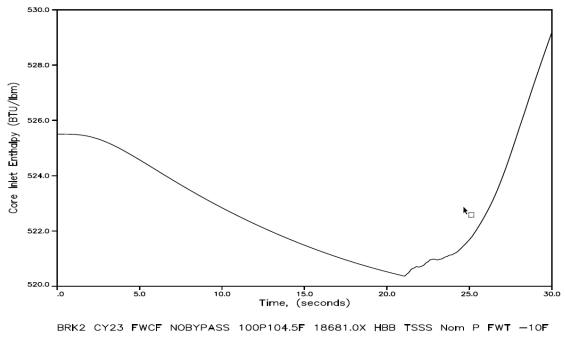

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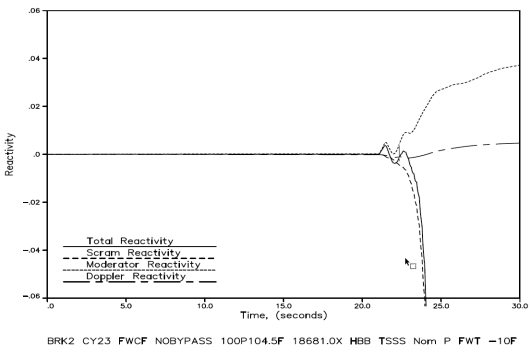
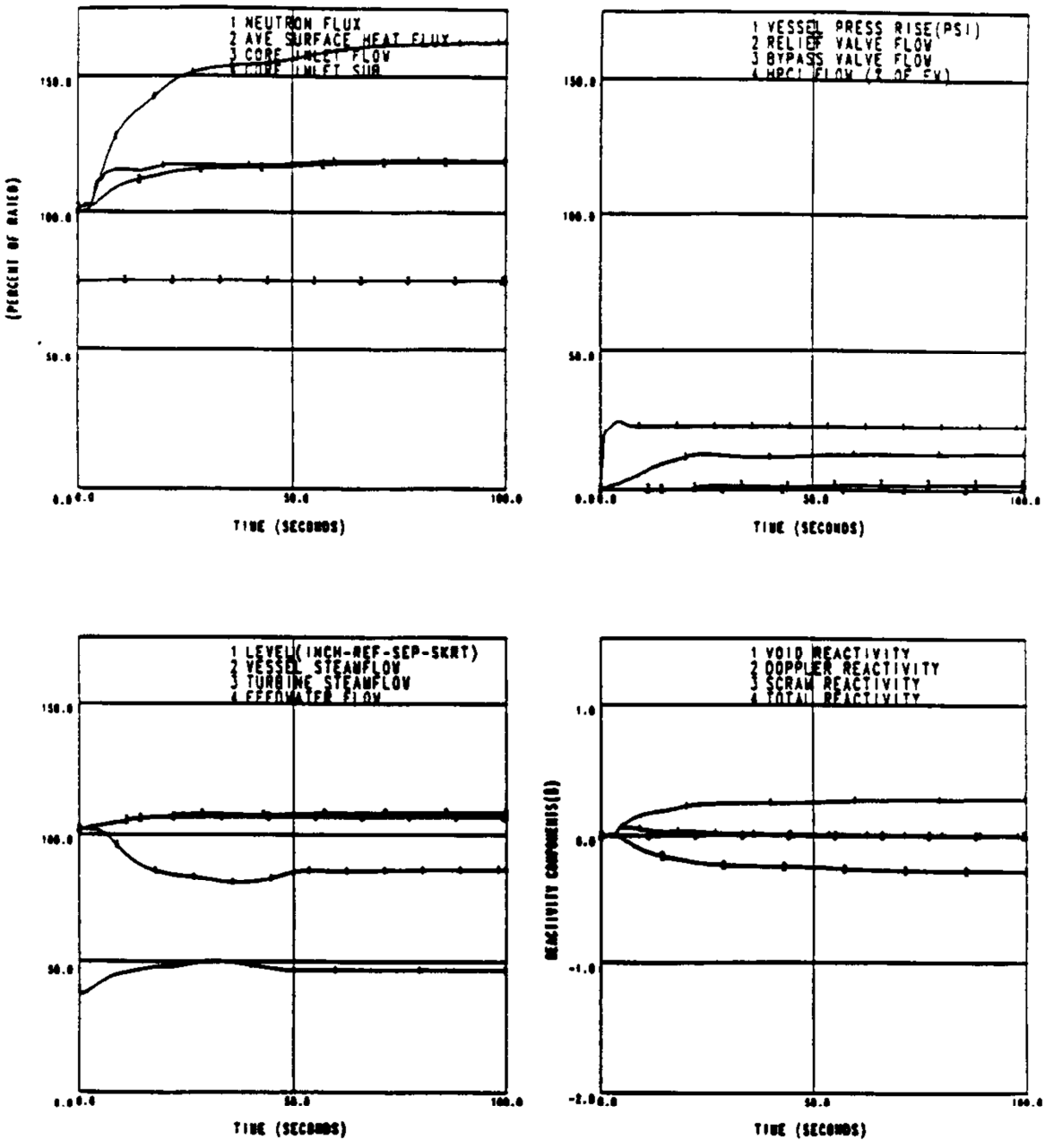


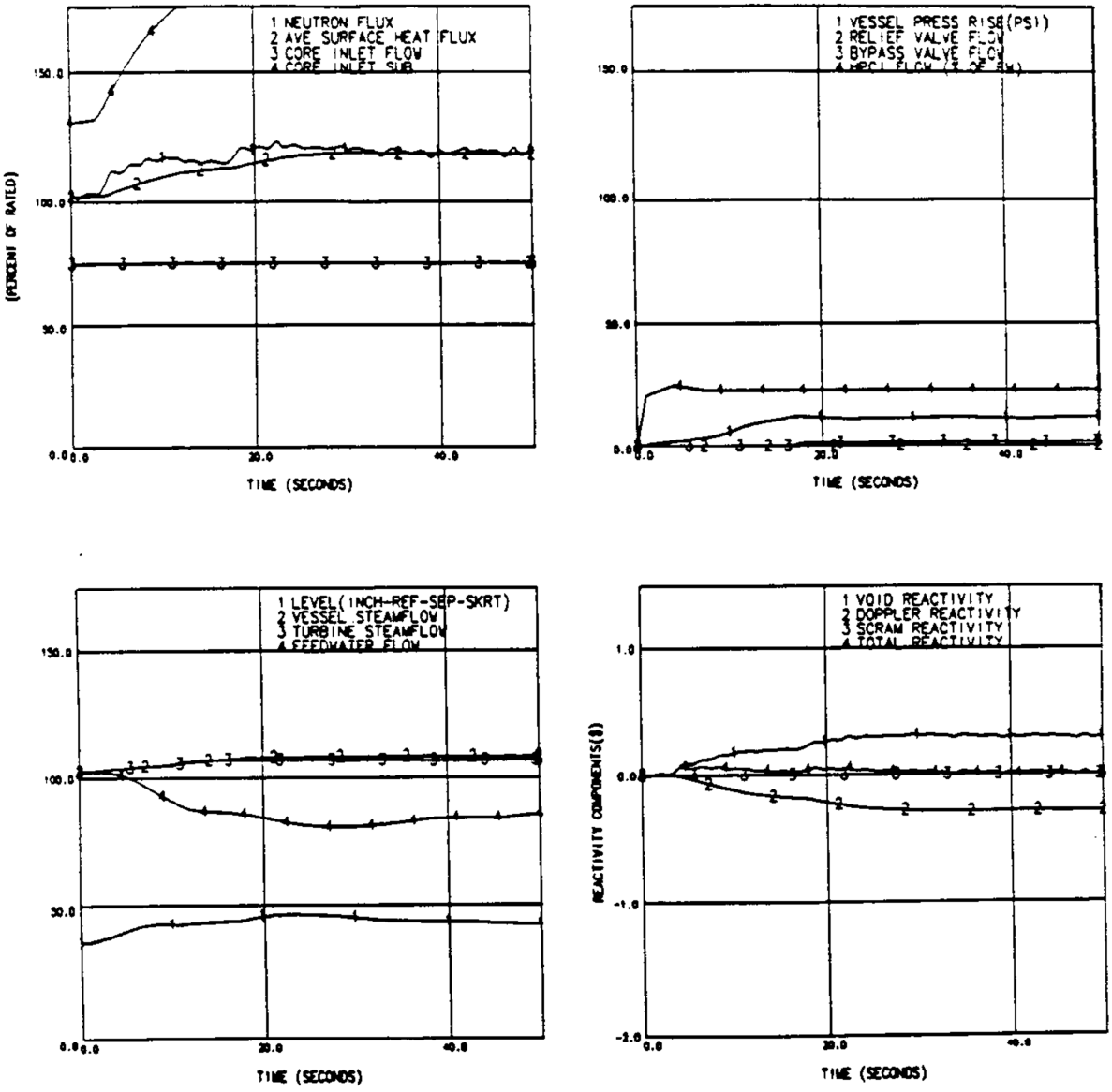
BRK2 CY23 FWCF NOBYPASS 100P104.5F 18681.0X HBB TSSS Nom P FWT −10F

11/06/16 14:35:55 NQS=32144, JOB ID=25112

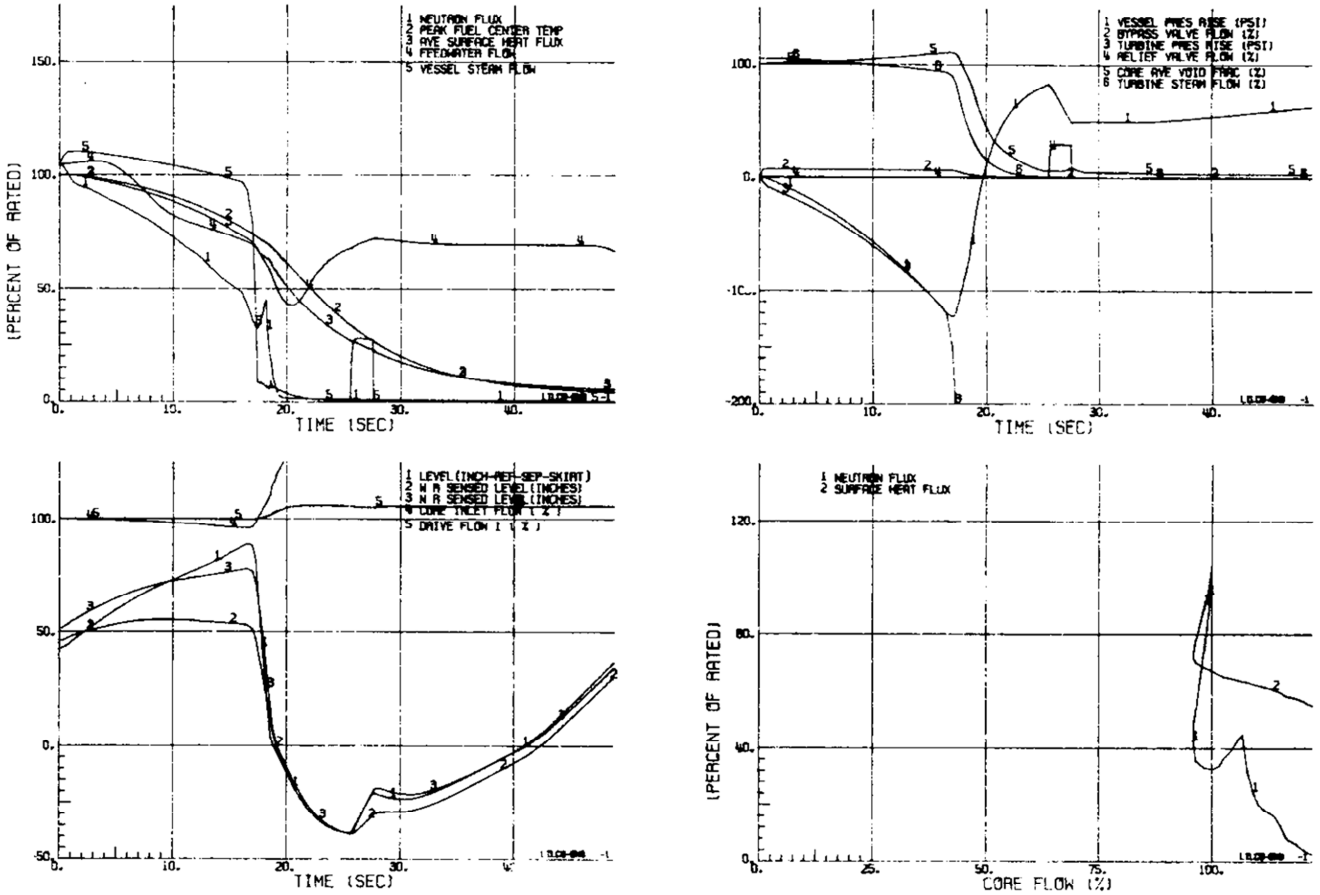
INADVERTENT HPCI ACTIVATION, UNIT 1 – CYCLE 9 (BOC9 TO EOC9)



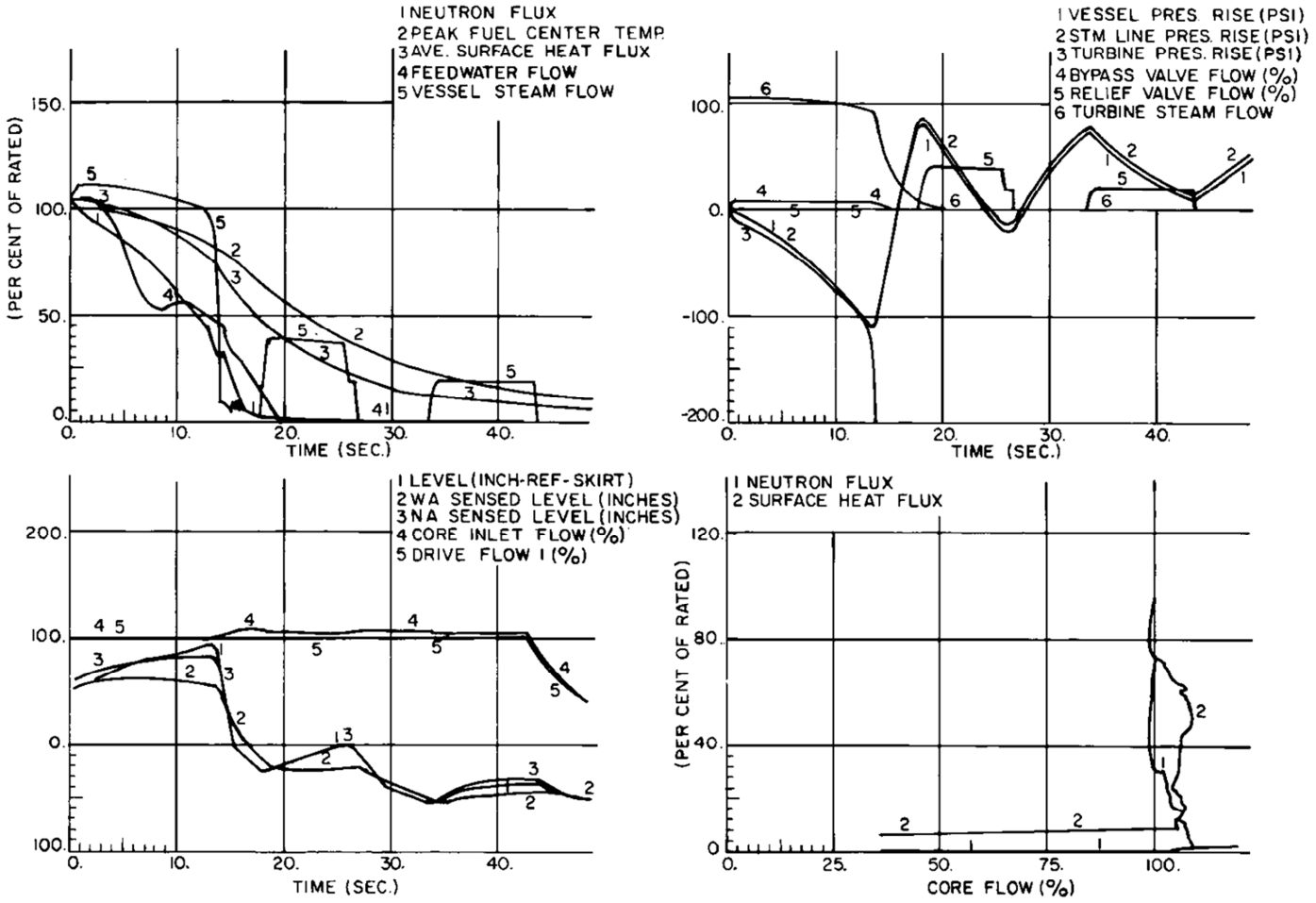
INADVERTENT HPCI ACTIVATION, UNIT 2 – CYCLE 10



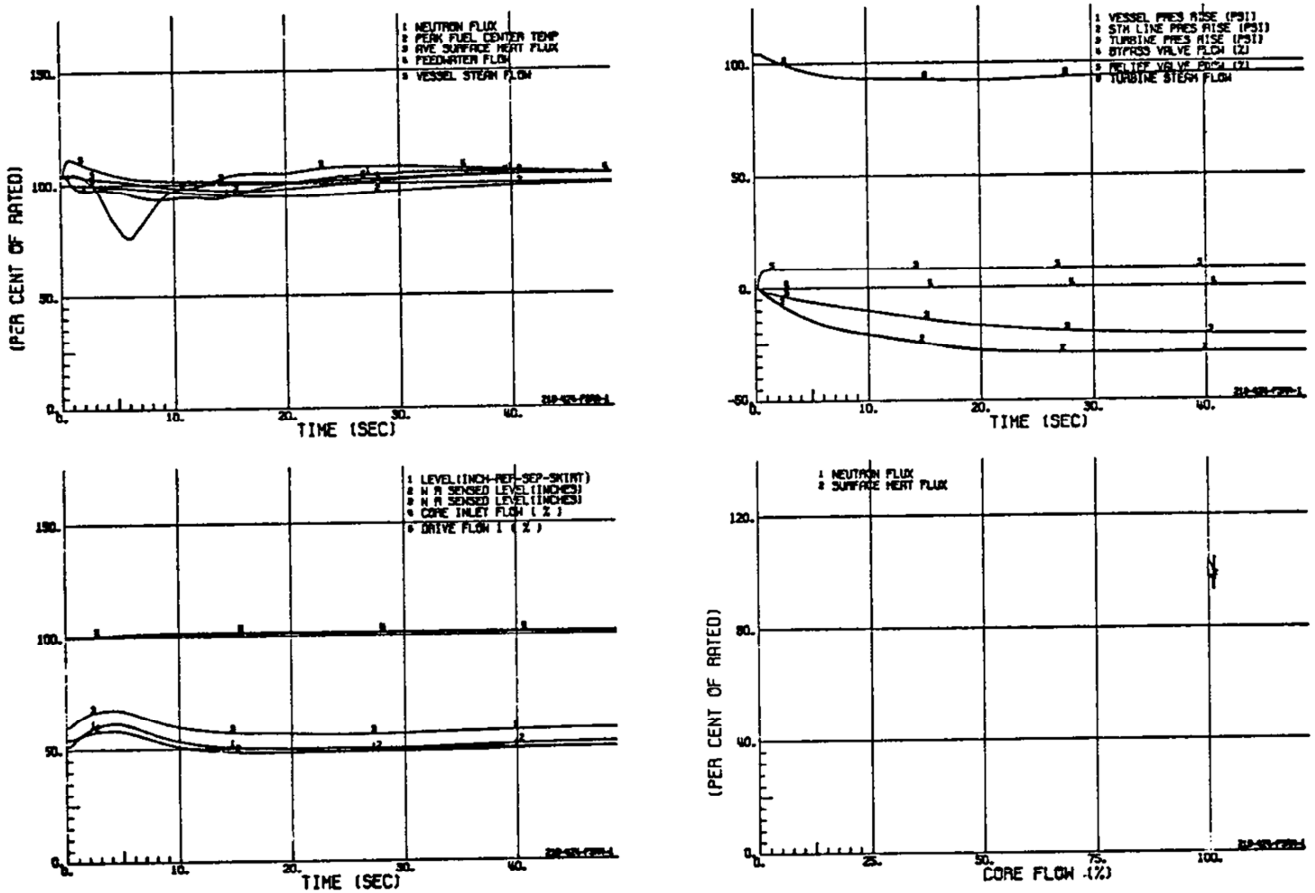
PRESSURE REGULATOR FAILURE (OPEN), UNIT 1 – CYCLE 1



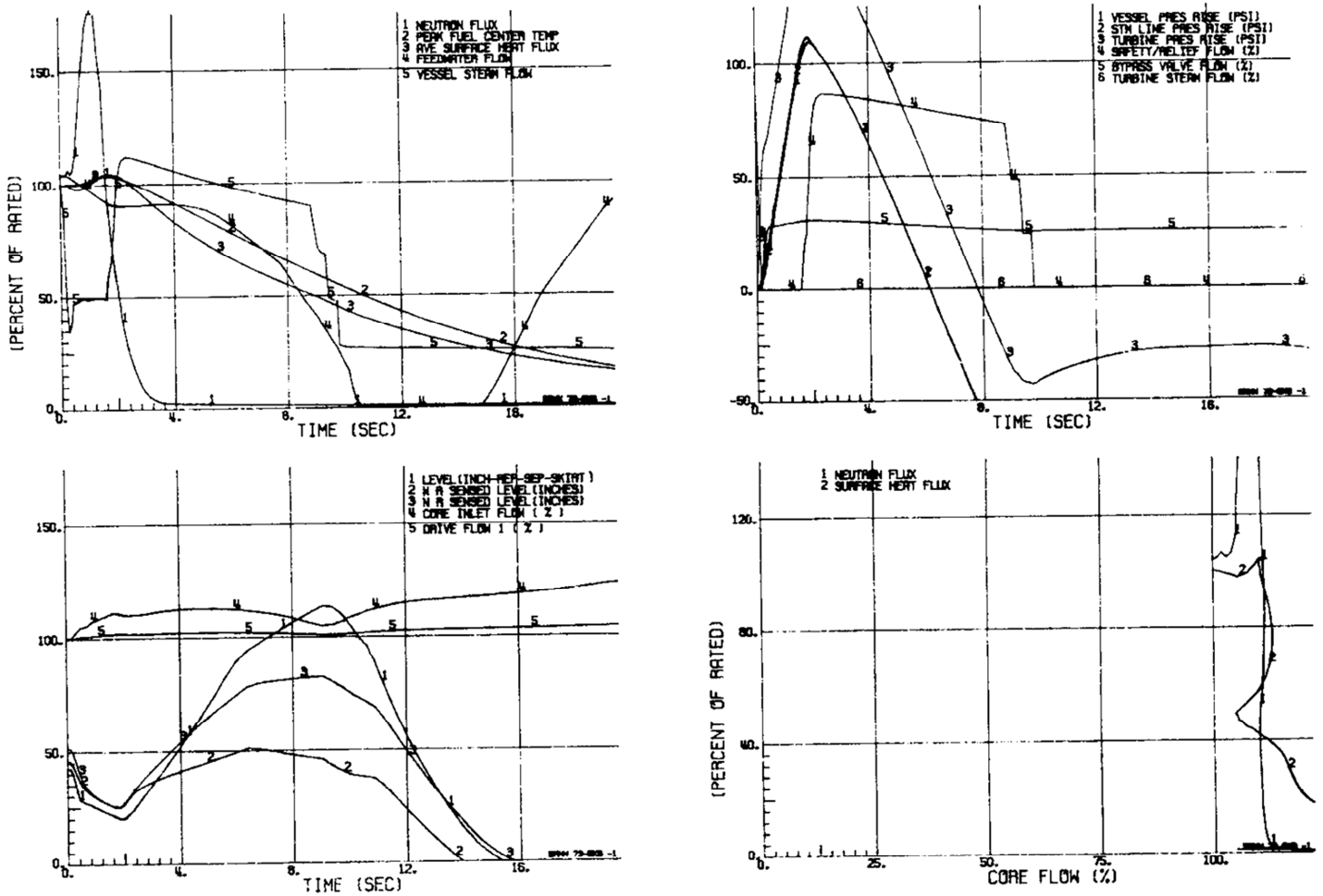
PRESSURE REGULATOR FAILURE (OPEN), UNIT 2 – CYCLE 1



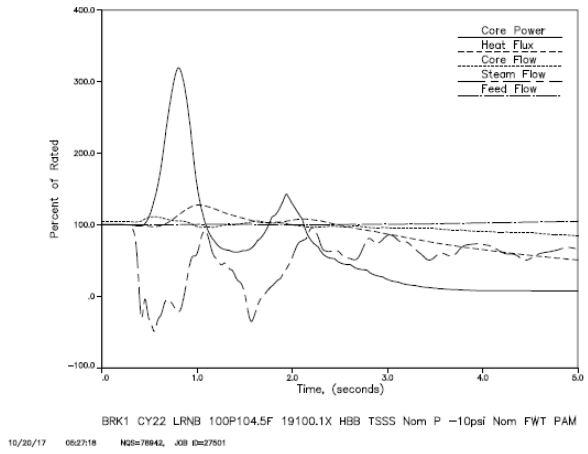
INADVERTENT OPENING OF A RELIEF OR SAFETY VALVE, UNIT 2 – CYCLE 1

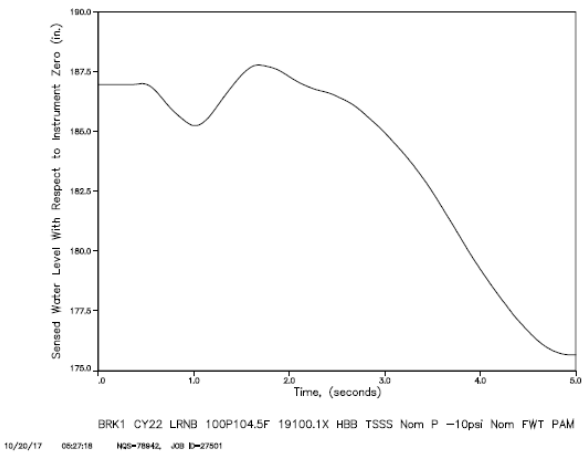


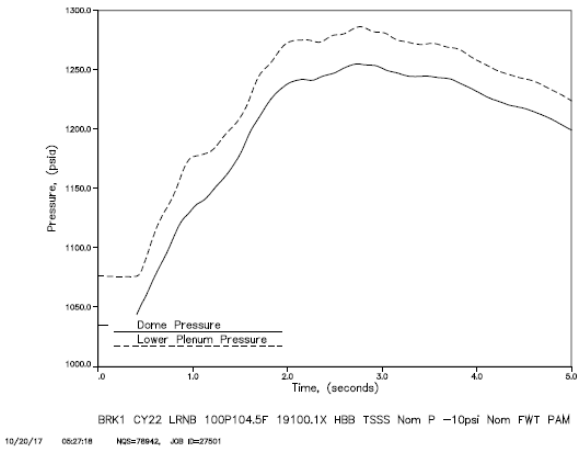
GENERATOR LOAD REJECTION WITH 25 PERCENT BYPASS, UNIT 1 – CYCLE 1

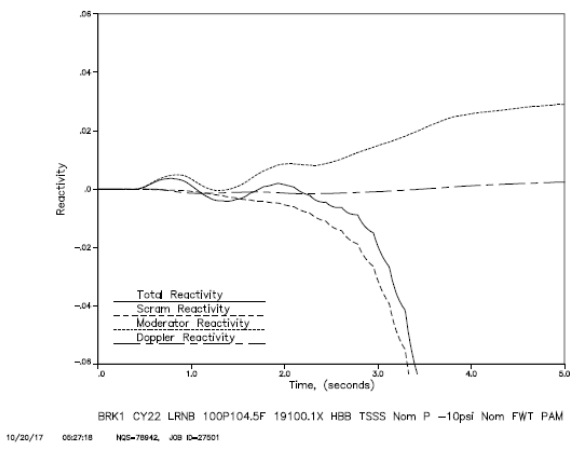


GENERATOR LOAD REJECTION, NO BYPASS, WITH ICF, UNIT 1 – CURRENT CYCLE (EOC 22)

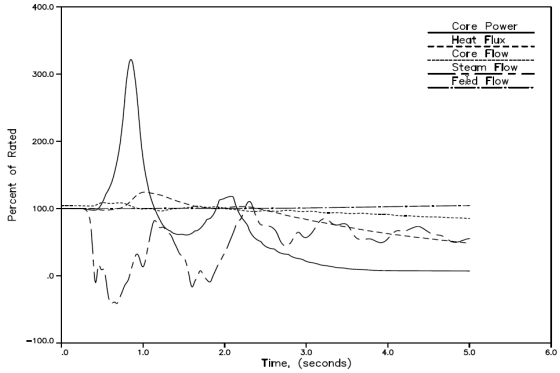






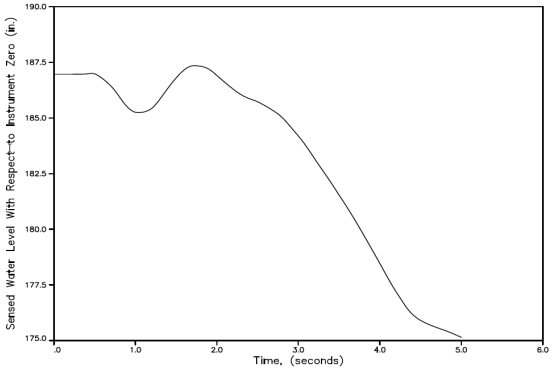


GENERATOR LOAD REJECTION, NO BYPASS, WITH ICF, UNIT 2 –CURRENT CYCLE (EOC 23)



BRK2 CY23 LRNB 100P104.5F 18681.0X NB TSSS Nom P Nom FWT

11/05/16 17:43:29 NQS=31532, JOB ID=25506



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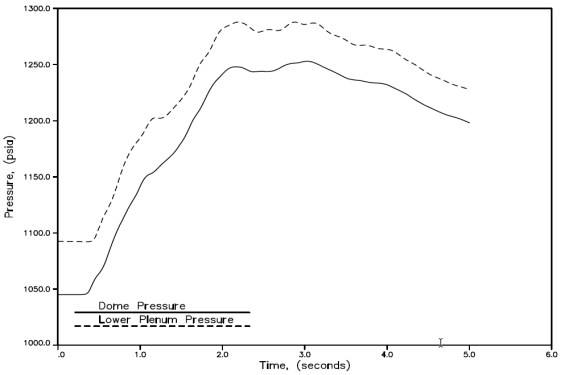
11/05/16 17:43:29 NQS=31532, JOB ID=25506



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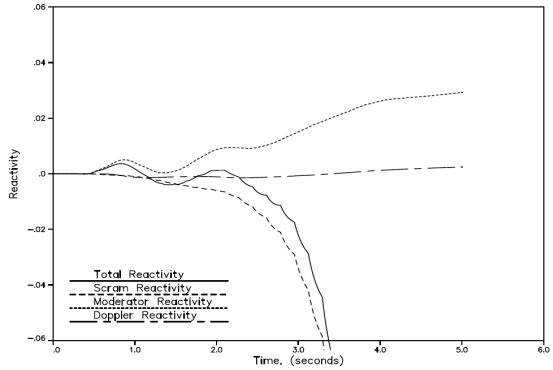
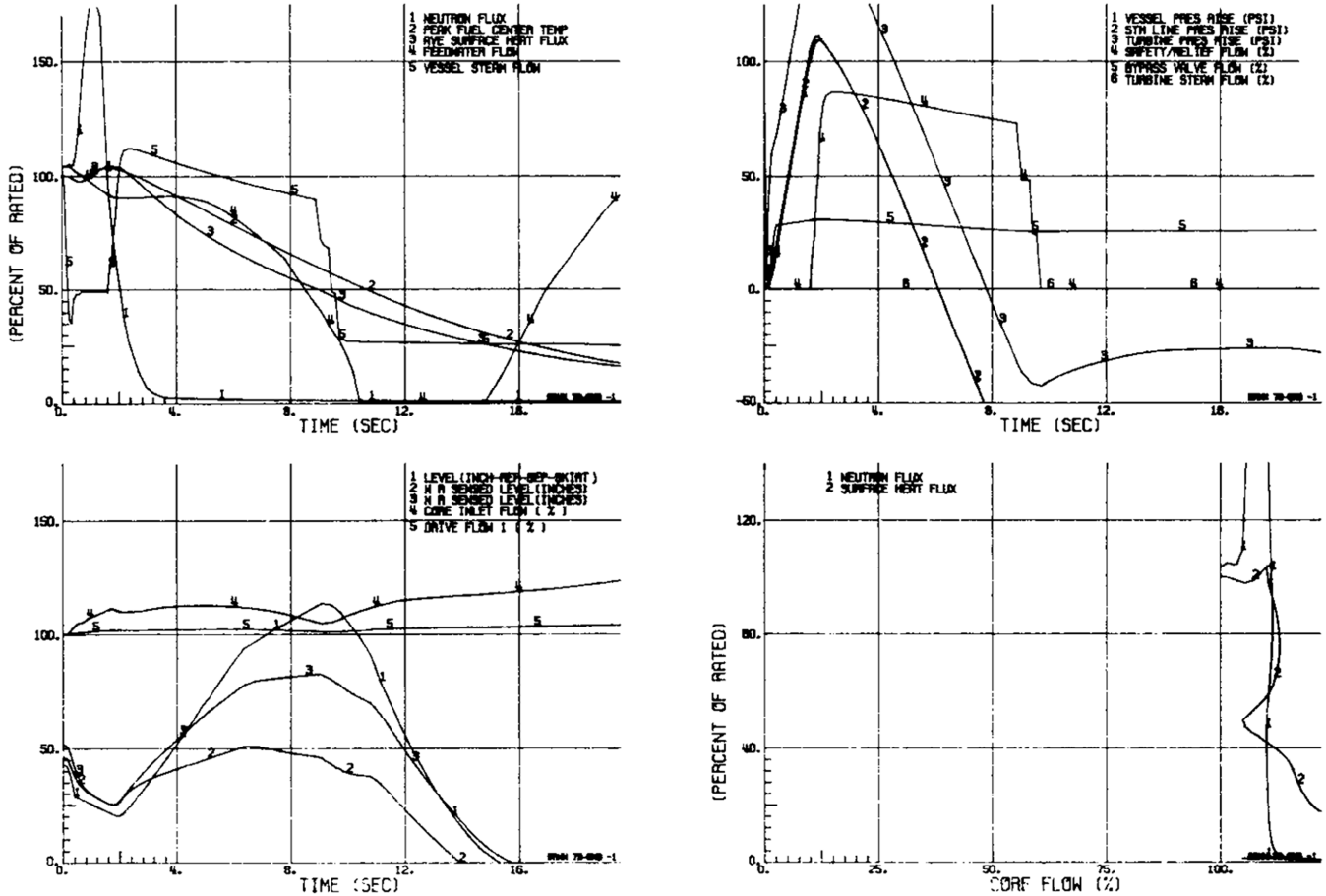
11/05/16 17:43:29 NQS=31532, JOB ID=25506



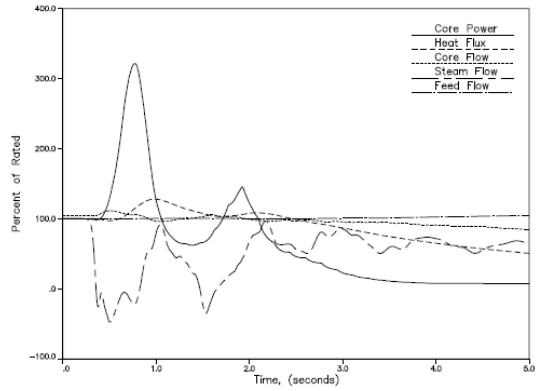
BRK2 CY23 LRNB 100P104.5F 18681.0X NB TSSS Nom P Nom FWT

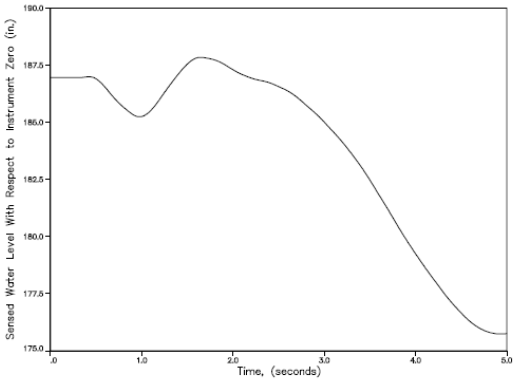
11/05/16 17:43:29 NQS=31532, JOB ID=25506

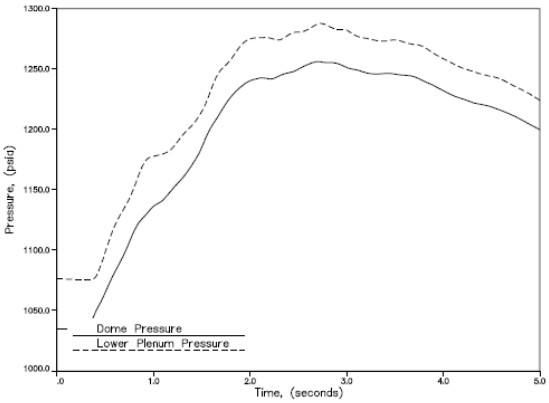
TURBINE TRIP WITH 25 PERCENT BYPASS, UNIT 1 – CYCLE 1

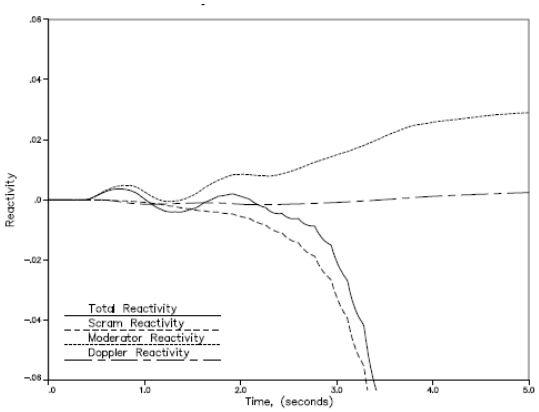


TURBINE TRIP WITHOUT BYPASS, WITH ICF, UNIT 1 – CURRENT CYCLE (EOC 22)

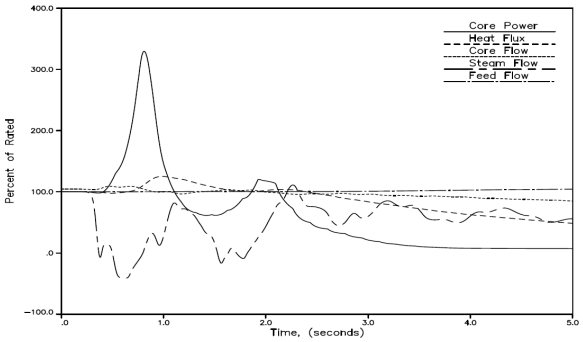








TURBINE TRIP WITHOUT BYPASS, WITH ICF, UNIT 2 – CURRENT CYCLE (EOC 23)



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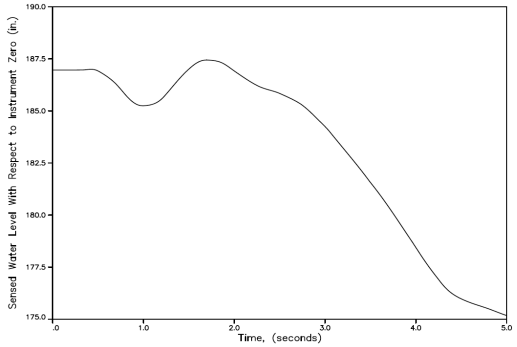
11/05/16 18:02:41 NQS=31553, JOB ID=21345



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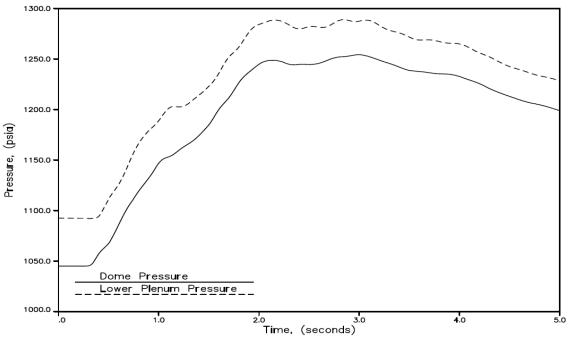
11/05/16 18:02:41 NQS=31553, JOB ID=21345



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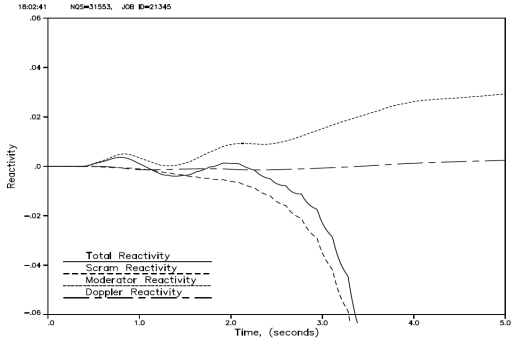
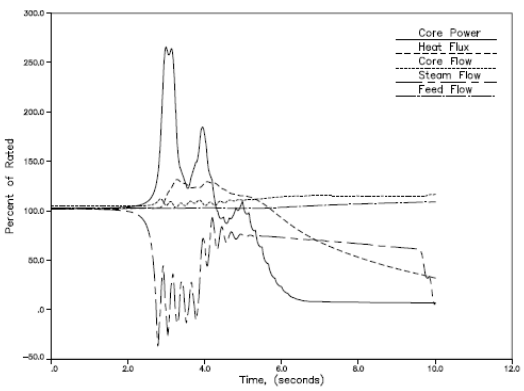
11/05/16 18:02:41 NQS=31553, JOB ID=21345



BRK2 CY23 TTNB 100P104.5F 18681.0X NB TSSS Nom P Nom FWT

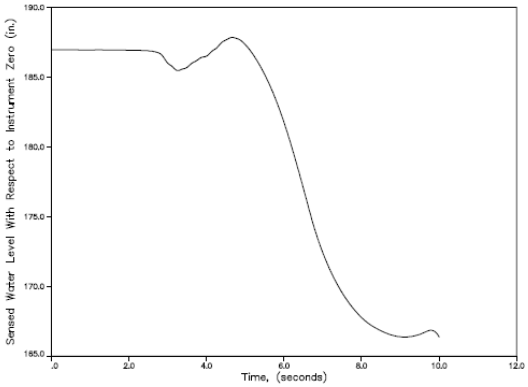
11/05/16 18:02:41 NQS=31553, JOB ID=21345

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



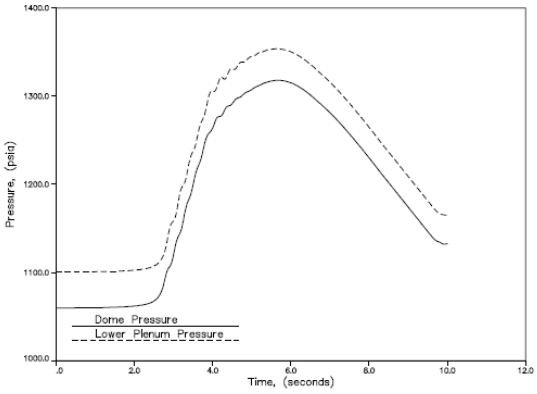
BRK1 CY22 ASME MSIV 102P104.5F 20564.8X HBB TSSS PAM BASE

11/01/17 13:22:44 NQS-93401, JOB ID-15718



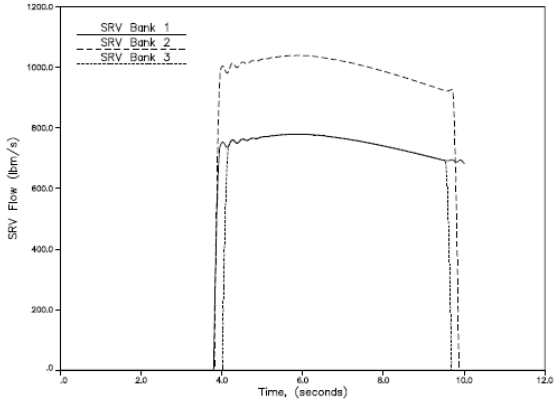
BRK1 CY22 ASME MSIV 102P104.5F 20564.8X HBB TSSS PAM BASE

11/01/17 13:22:44 NQS-93401, JOB ID-15718



BRK1 CY22 ASME MSIV 102P104.5F 20564.8X HBB TSSS PAM BASE

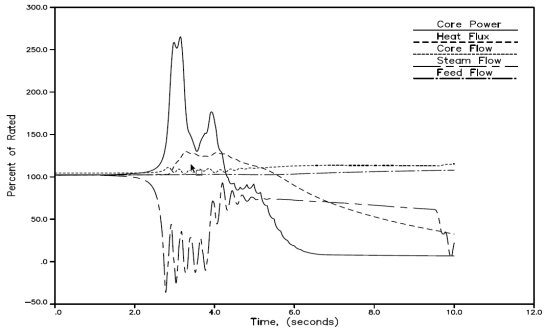
11/01/17 13:22:44 NQS-93401, JOB ID-15718



BRK1 CY22 ASME MSIV 102P104.5F 20564.8X HBB TSSS PAM BASE

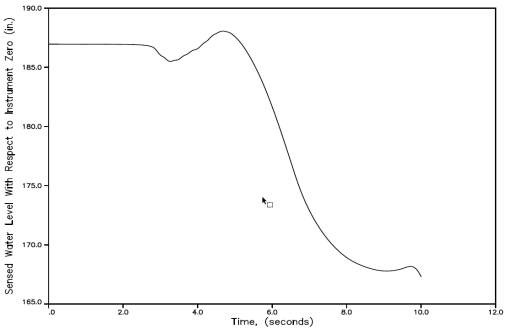
11/01/17 13:22:44 NQS-93401, JOB ID-15718

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 NQS=54812, JOB ID=08033



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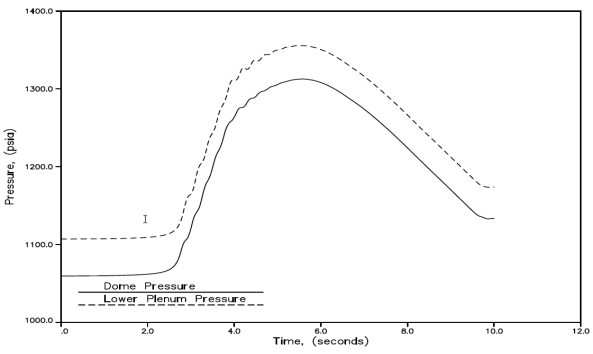
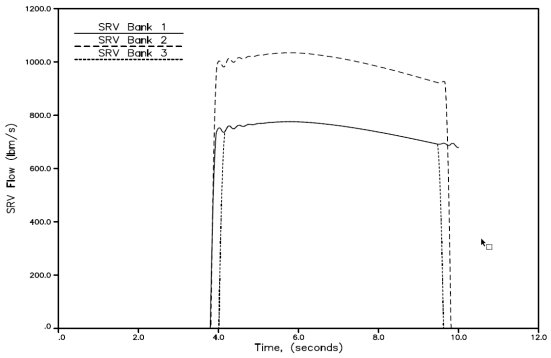


BRK2 CY23 ASME MSIV 102P104.5F 19193.2X HBB TSSS BASE

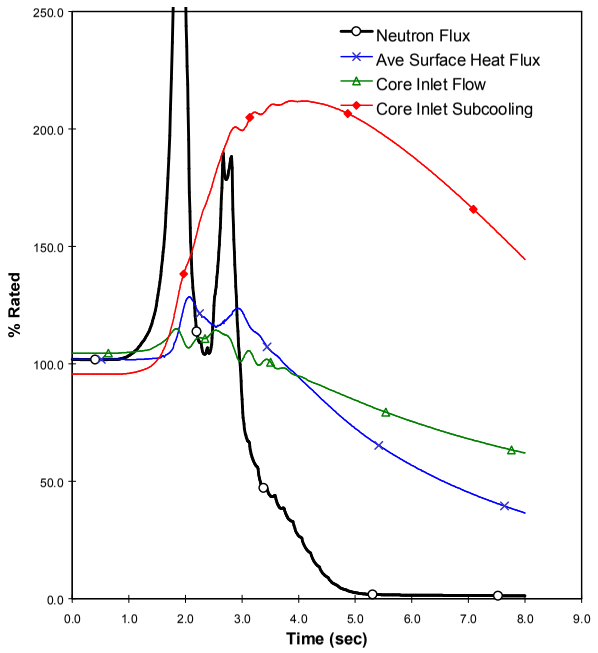
11/14/16 14:00:11 NQS=54812, JOB ID=08033

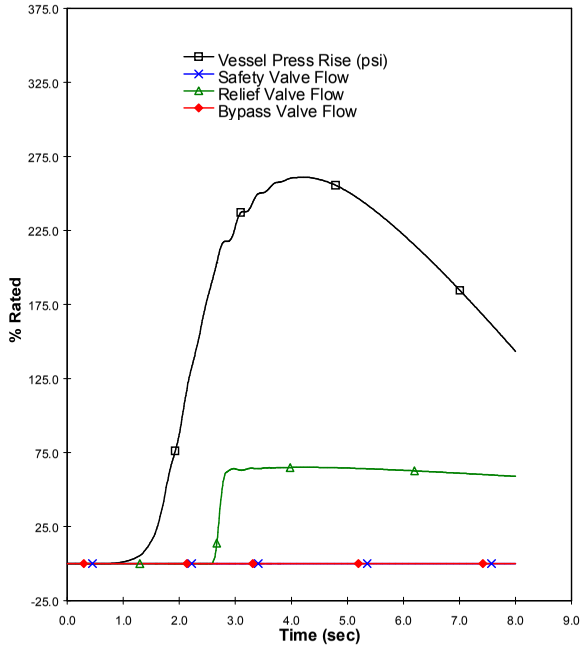


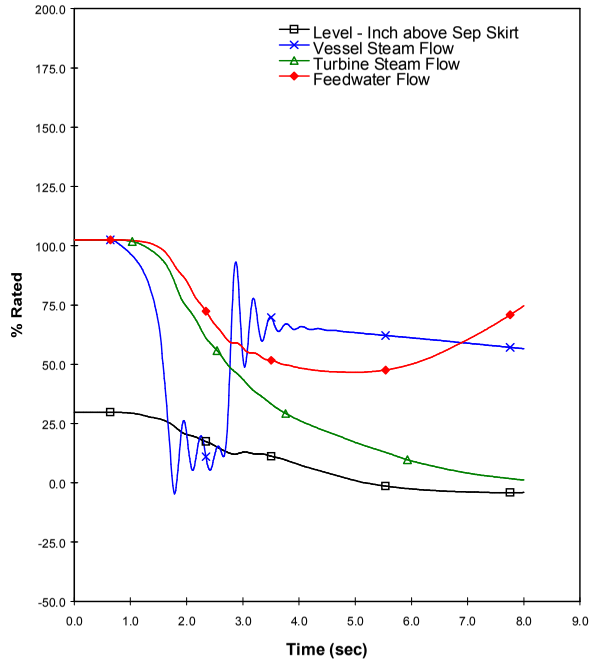
BRK2 CY23 ASME MSIV 102P104.5F 19193.2X HBB TSSS BASE

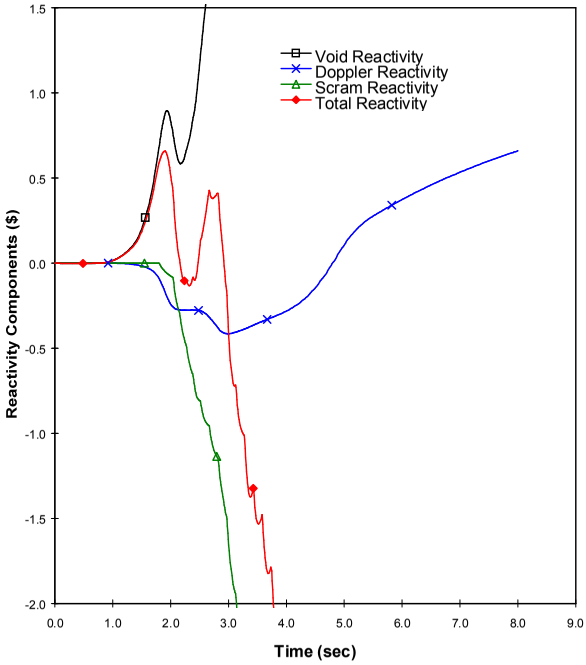
11/14/16 14:00:11 NQS=54812, JOB ID=08033

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

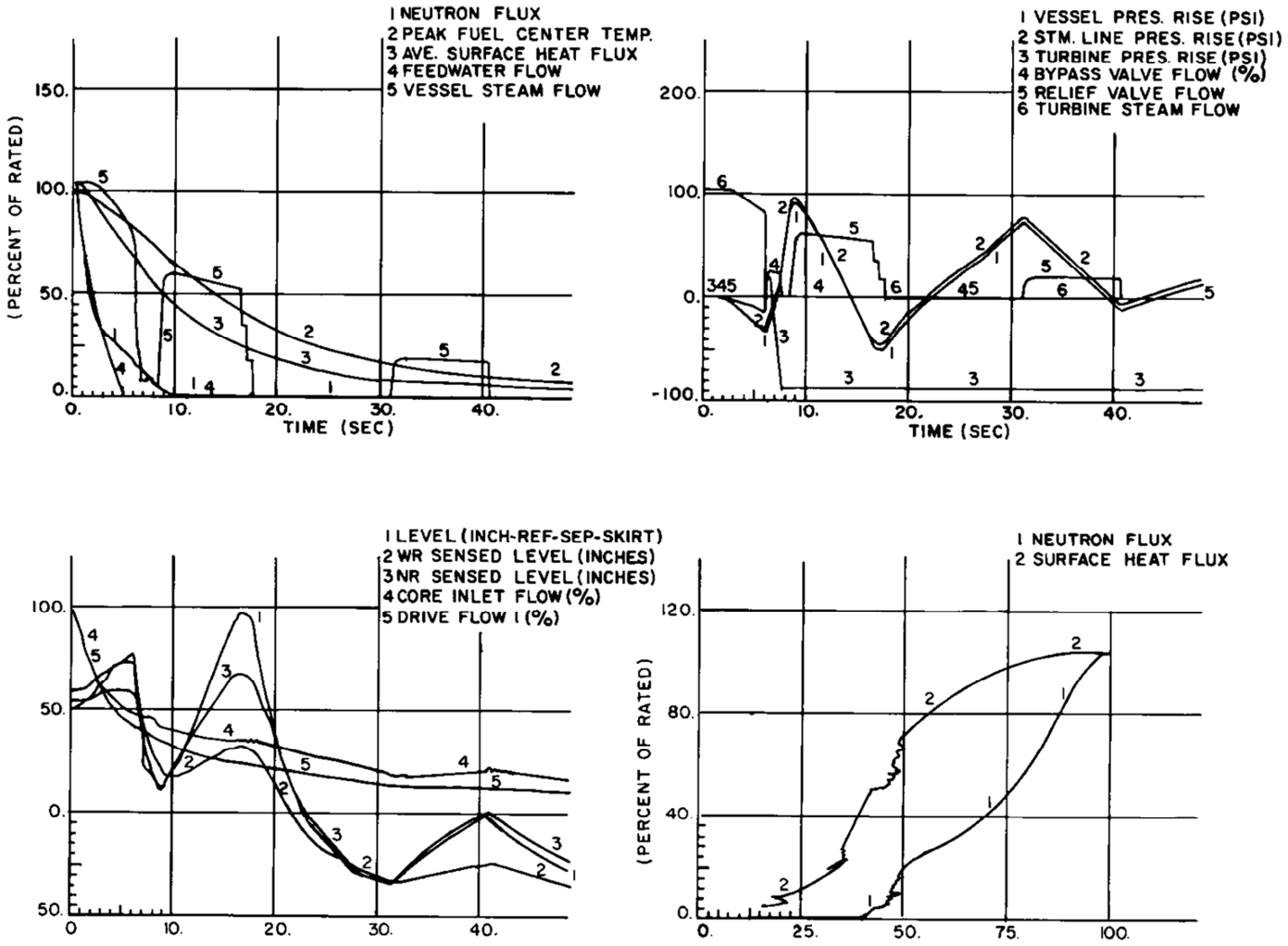




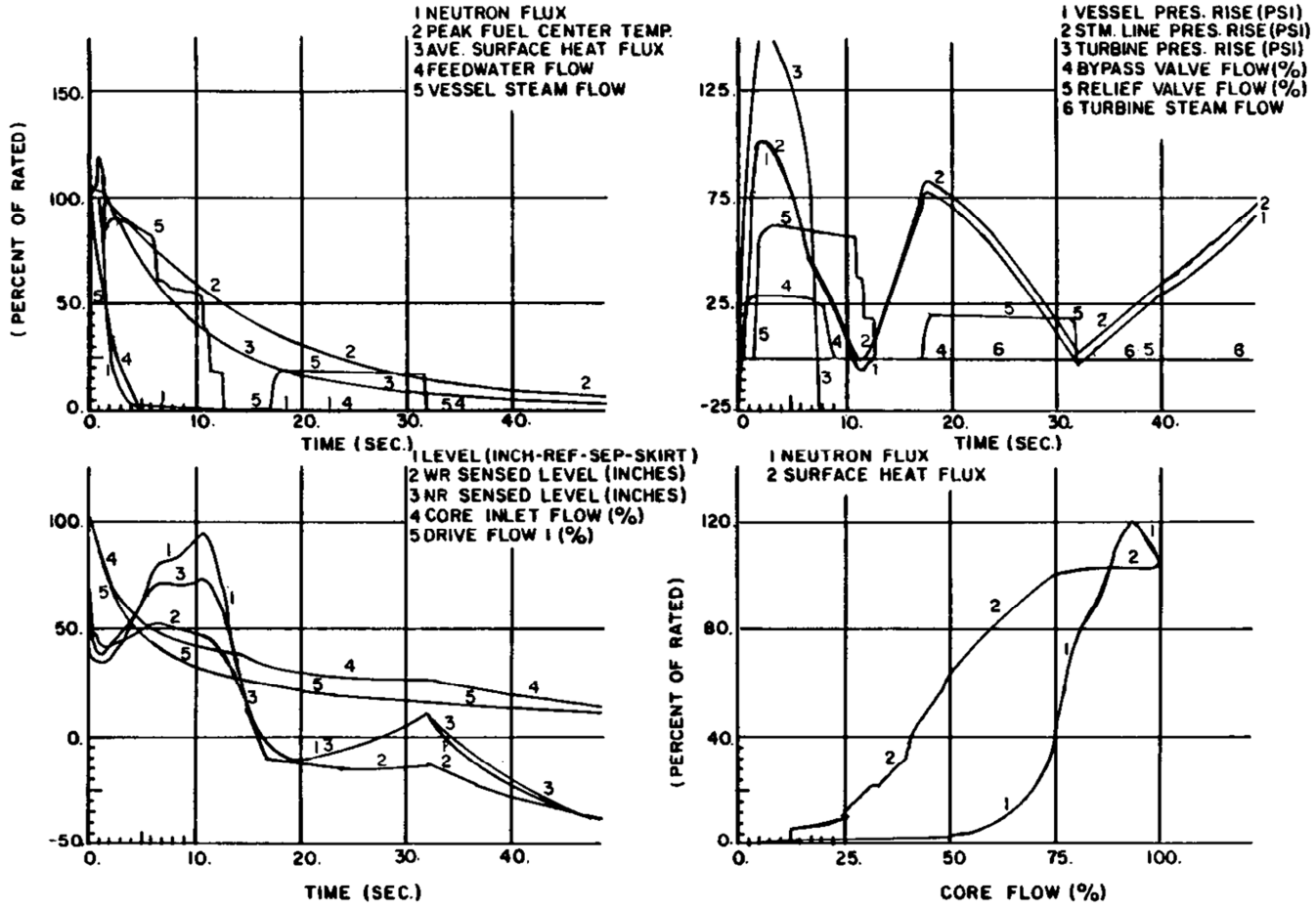




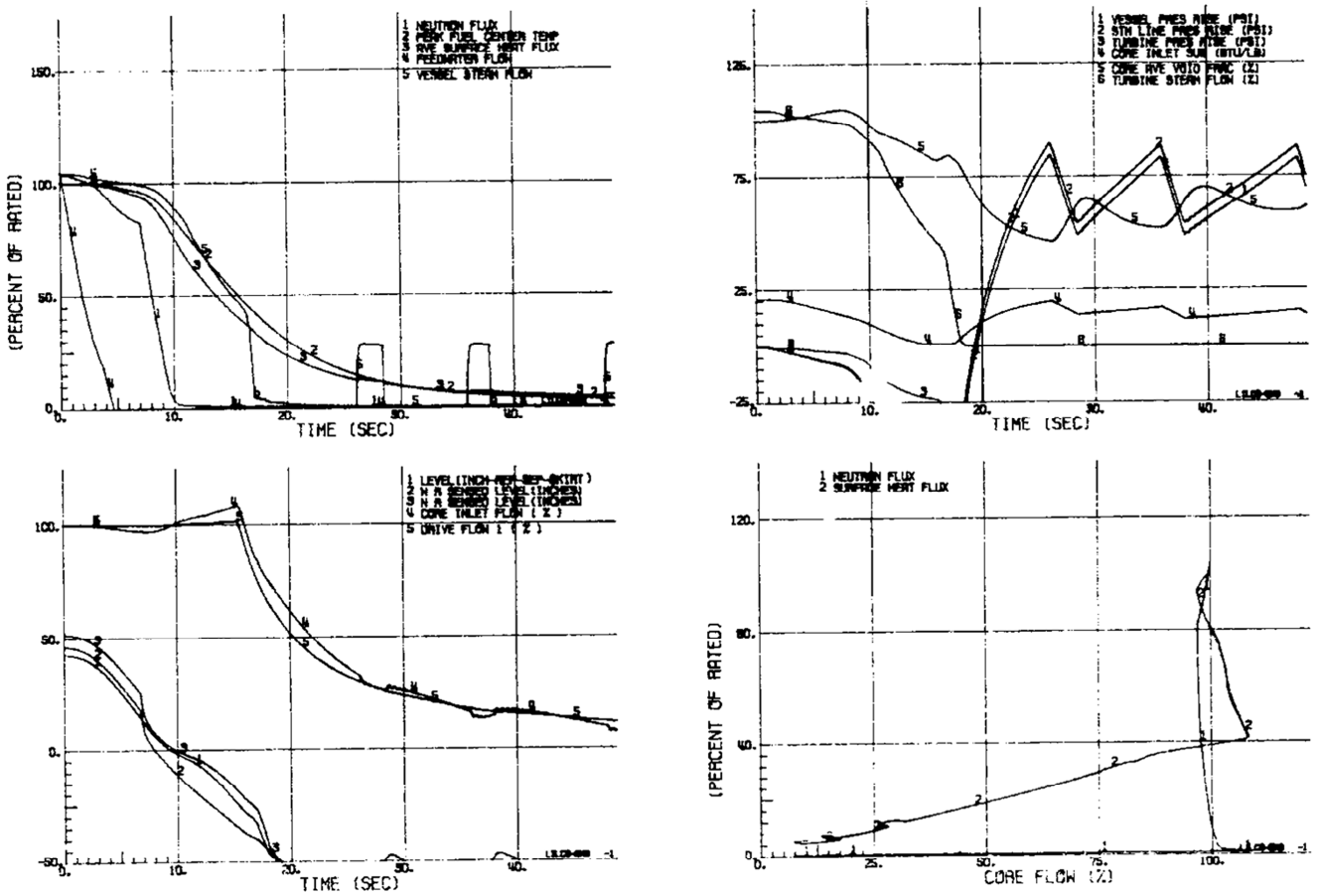
LOSS OF AUXILIARY POWER (TRANSFORMER) WITH 25 PERCENT BYPASS, UNIT 2 – CYCLE 1



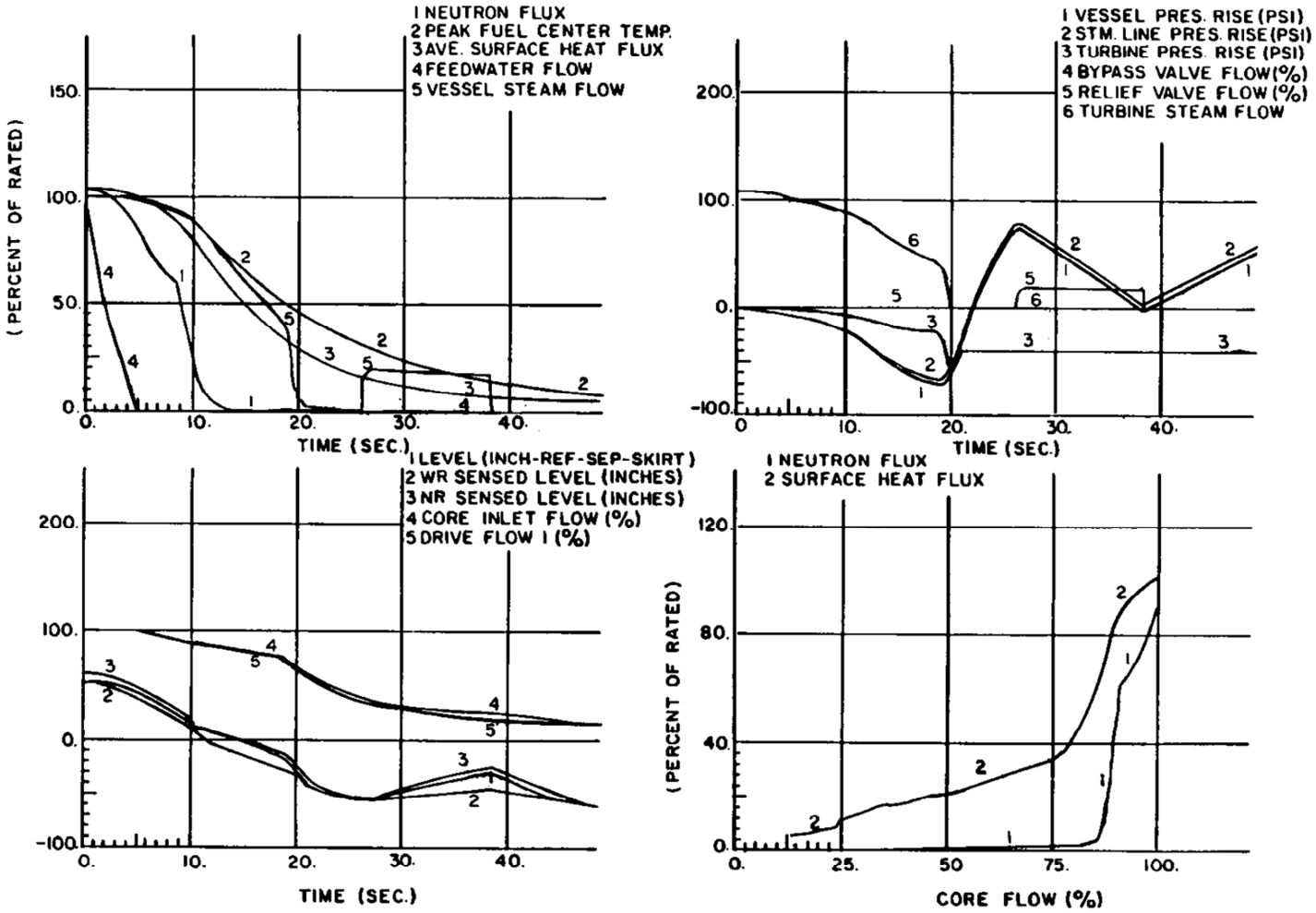
LOSS OF AUXILIARY POWER (ALL GRID CONNECTIONS)
WITH 25 PERCENT BYPASS, UNIT 2 – CYCLE 1



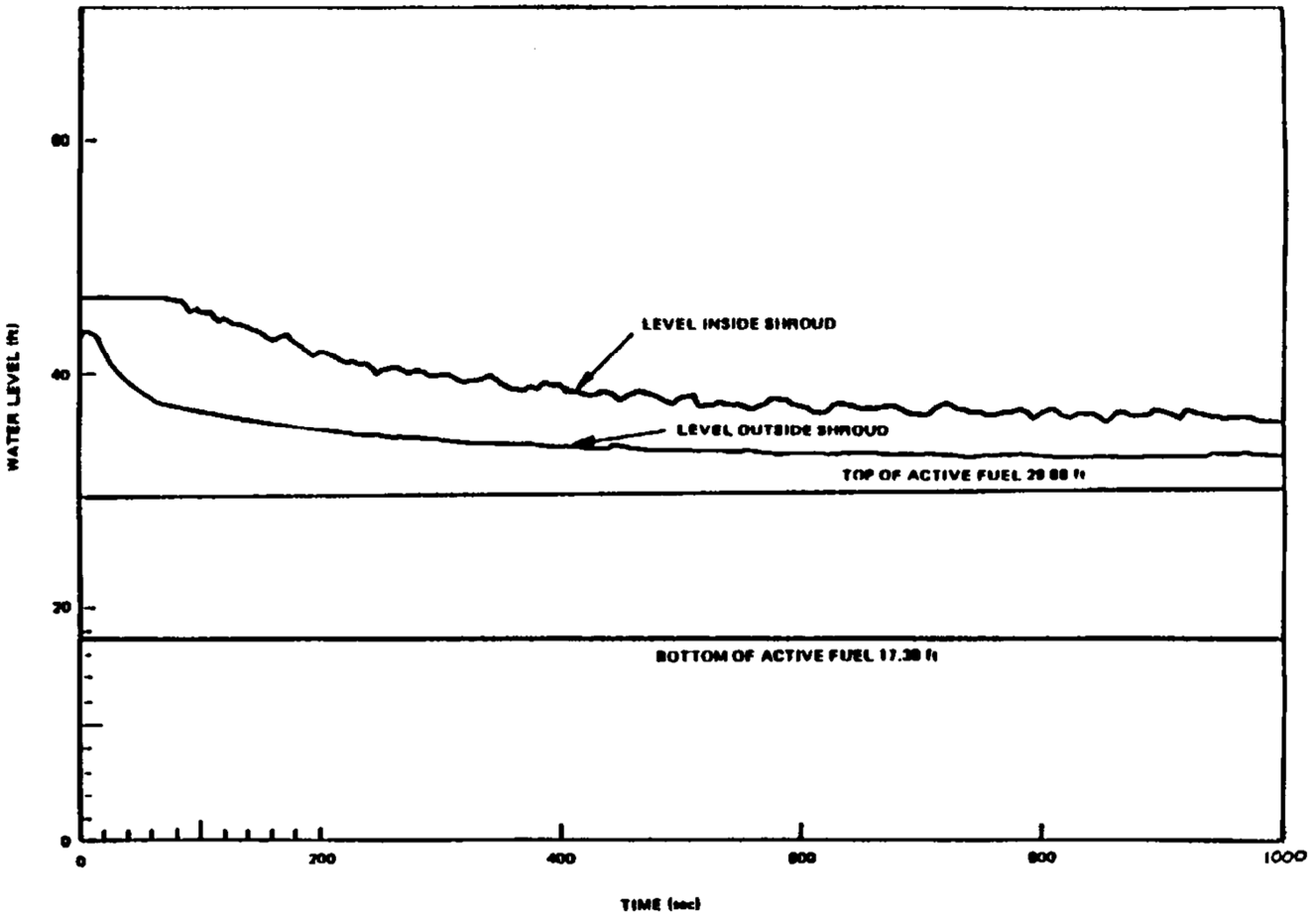
LOSS OF FEEDWATER FLOW, UNIT 1 – CYCLE 1



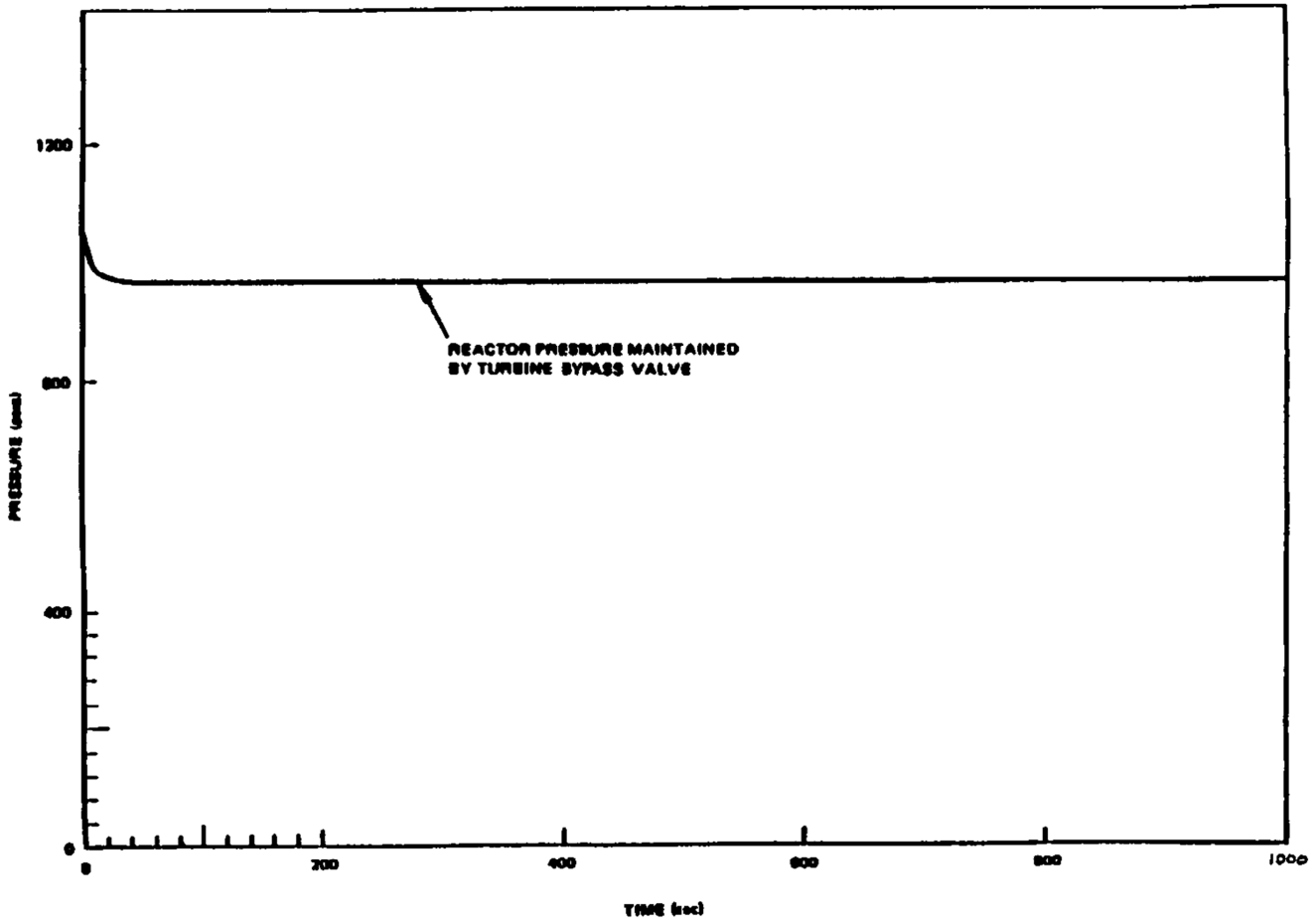
LOSS OF FEEDWATER FLOW, UNIT 2 - CYCLE 1



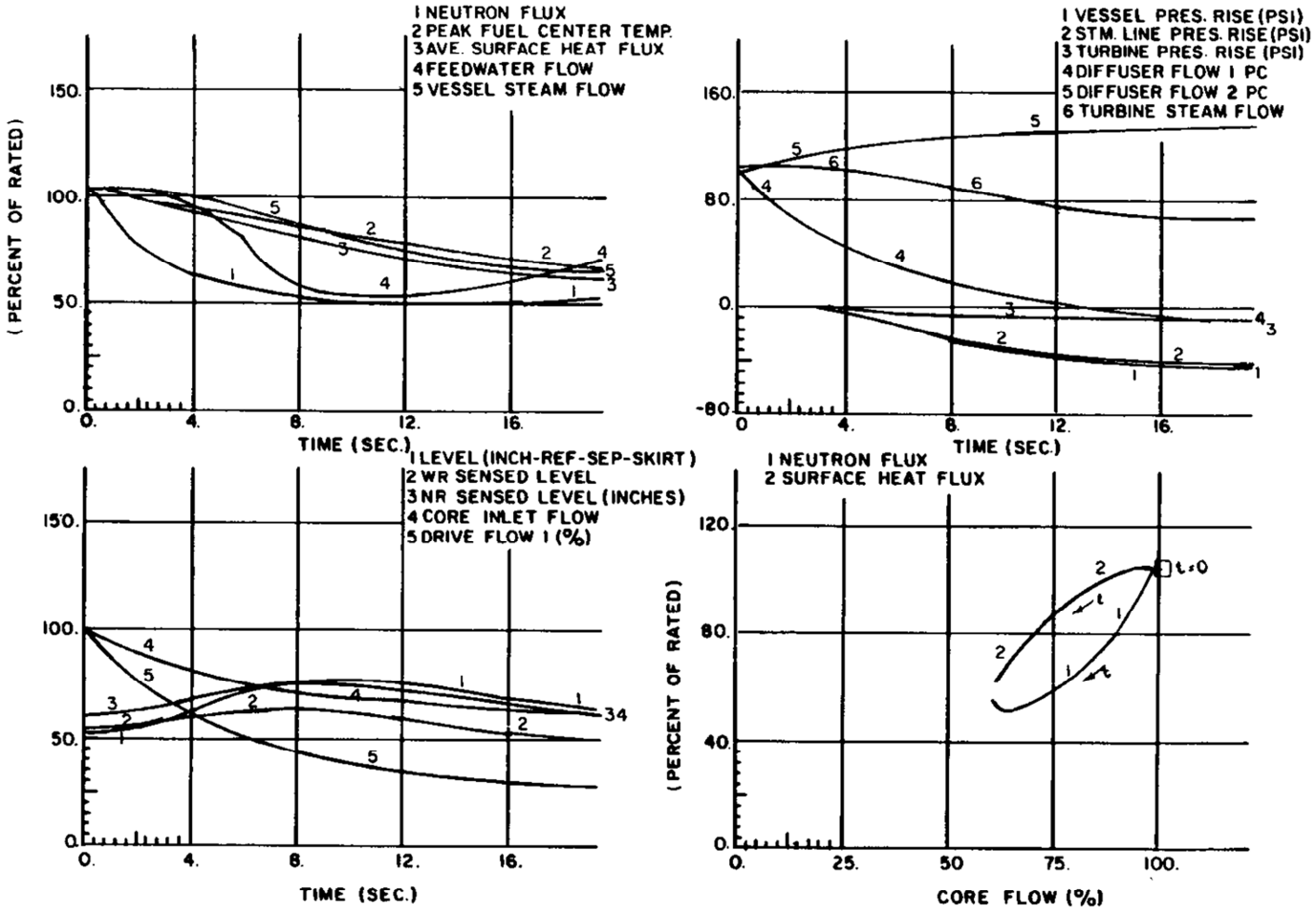
WATER LEVEL RESPONSE WITH REACTOR CORE ISOLATION COOLING FOR LOSS OF FEEDWATER FLOW EVENT AT ORIGINAL POWER



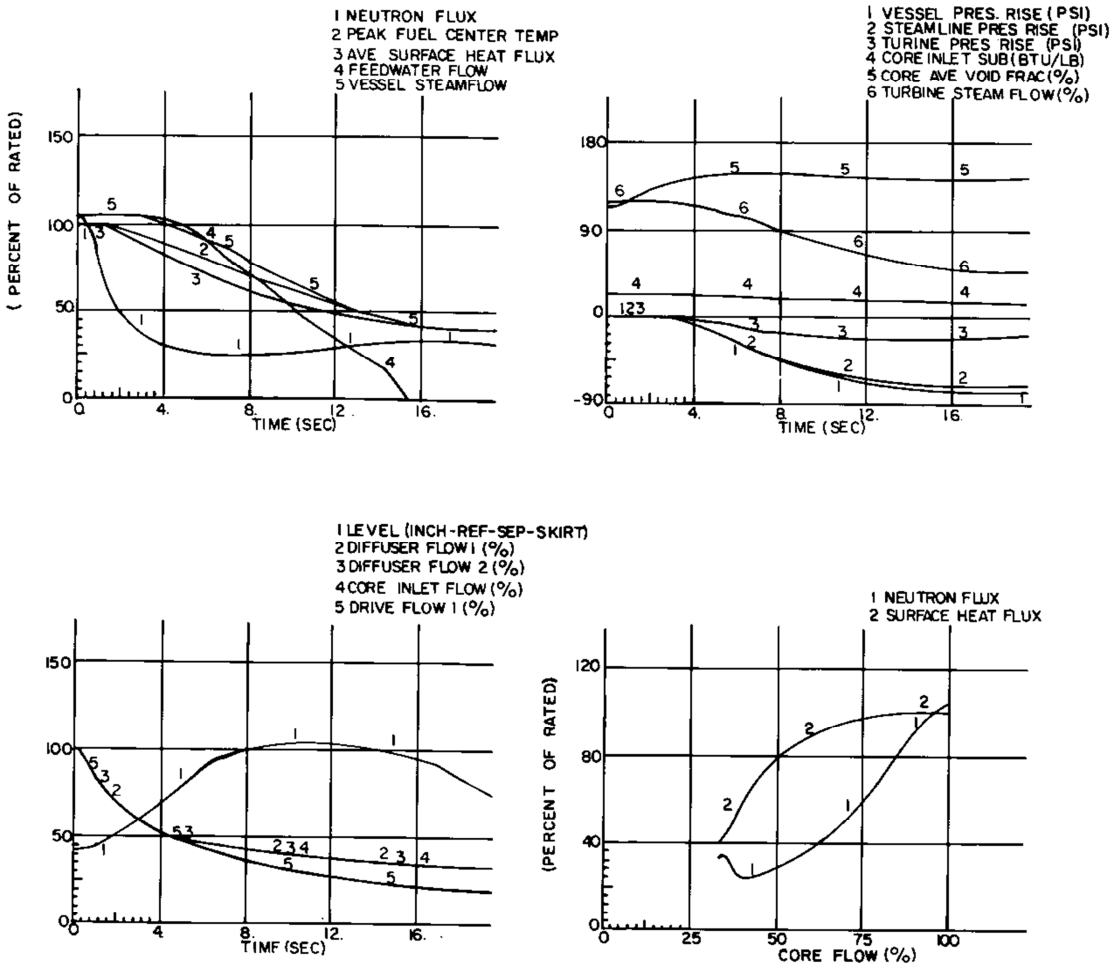
PRESSURE RESPONSE WITH REACTOR CORE ISOLATION COOLING FOR LOSS OF FEEDWATER FLOW EVENT AT ORIGINAL POWER



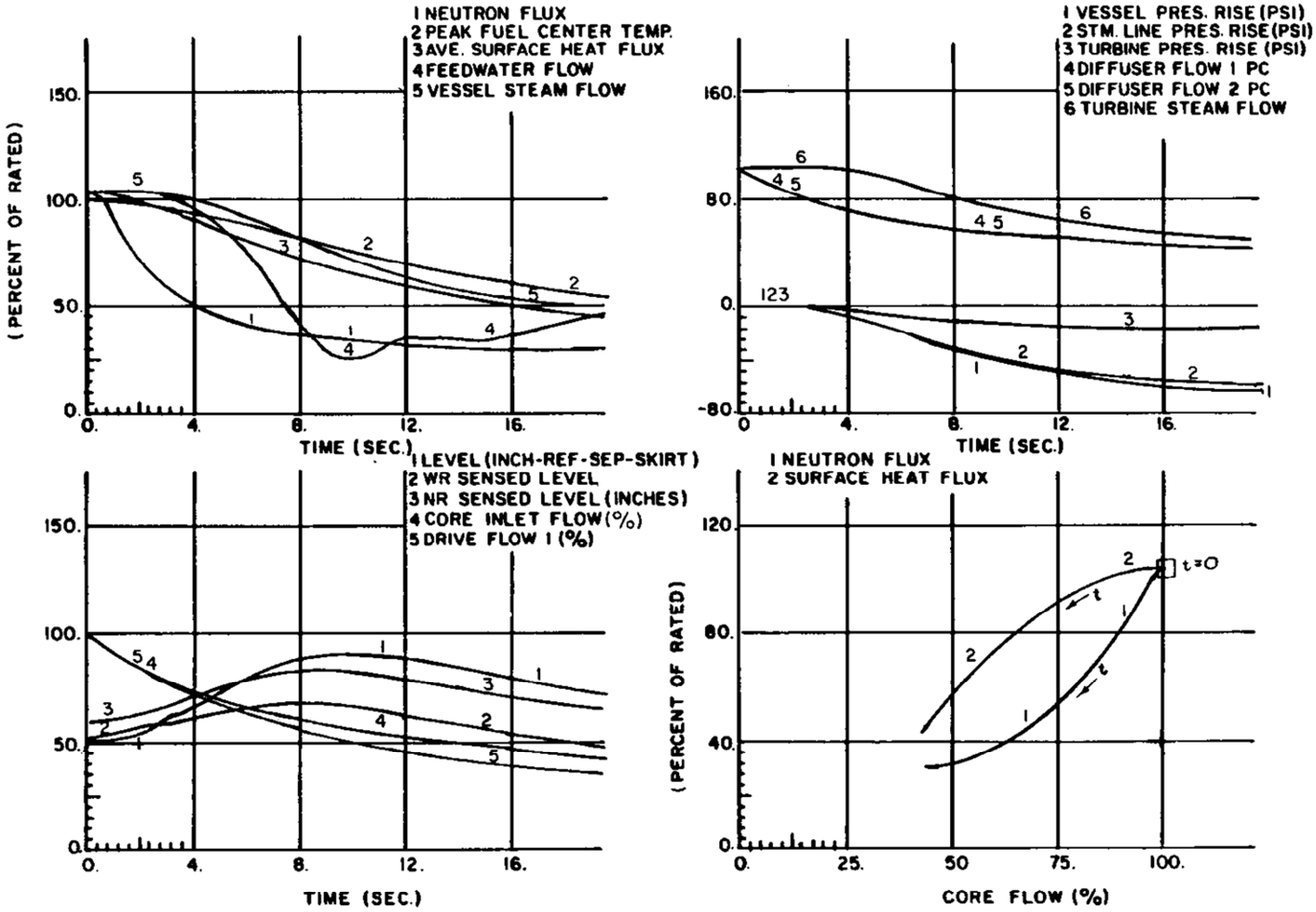
TRIP OF ONE RECIRCULATION PUMP, UNIT 2 – CYCLE 1



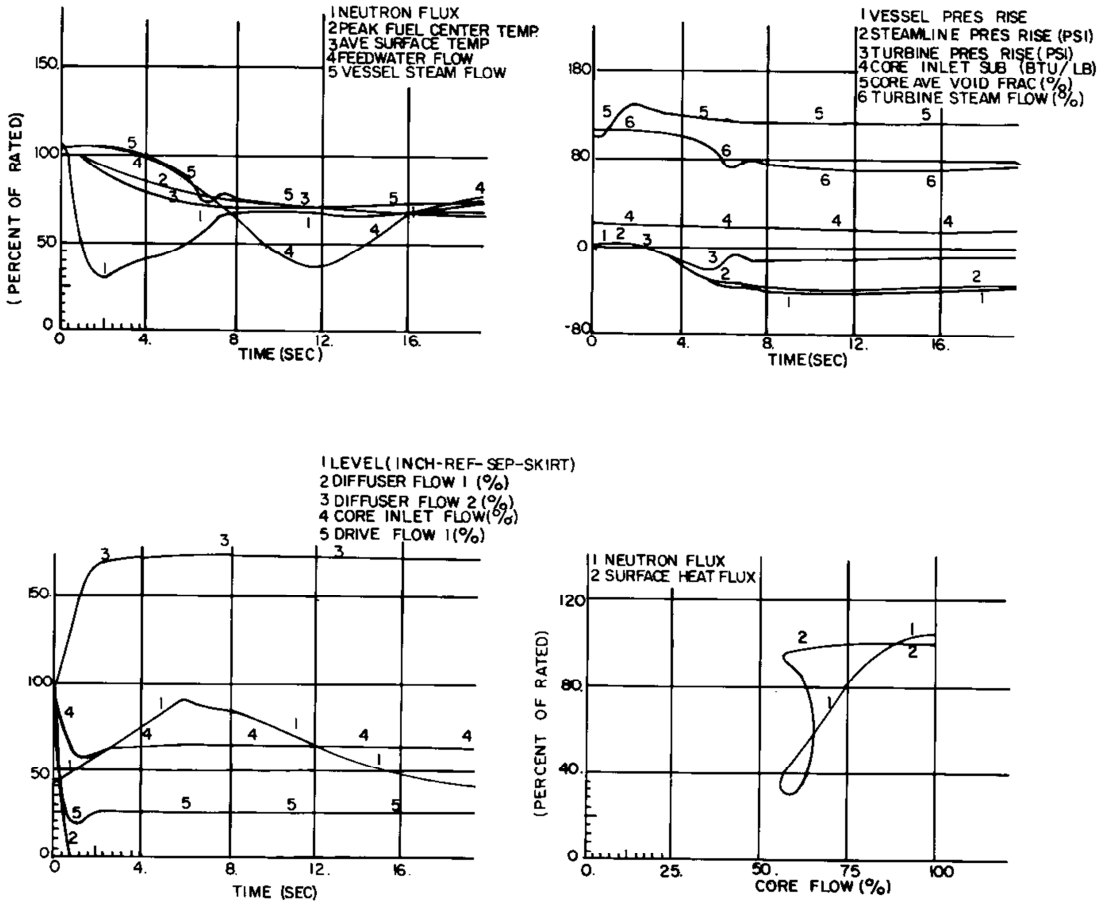
TRIP OF BOTH RECIRCULATION PUMPS, UNIT 1 – CYCLE 1



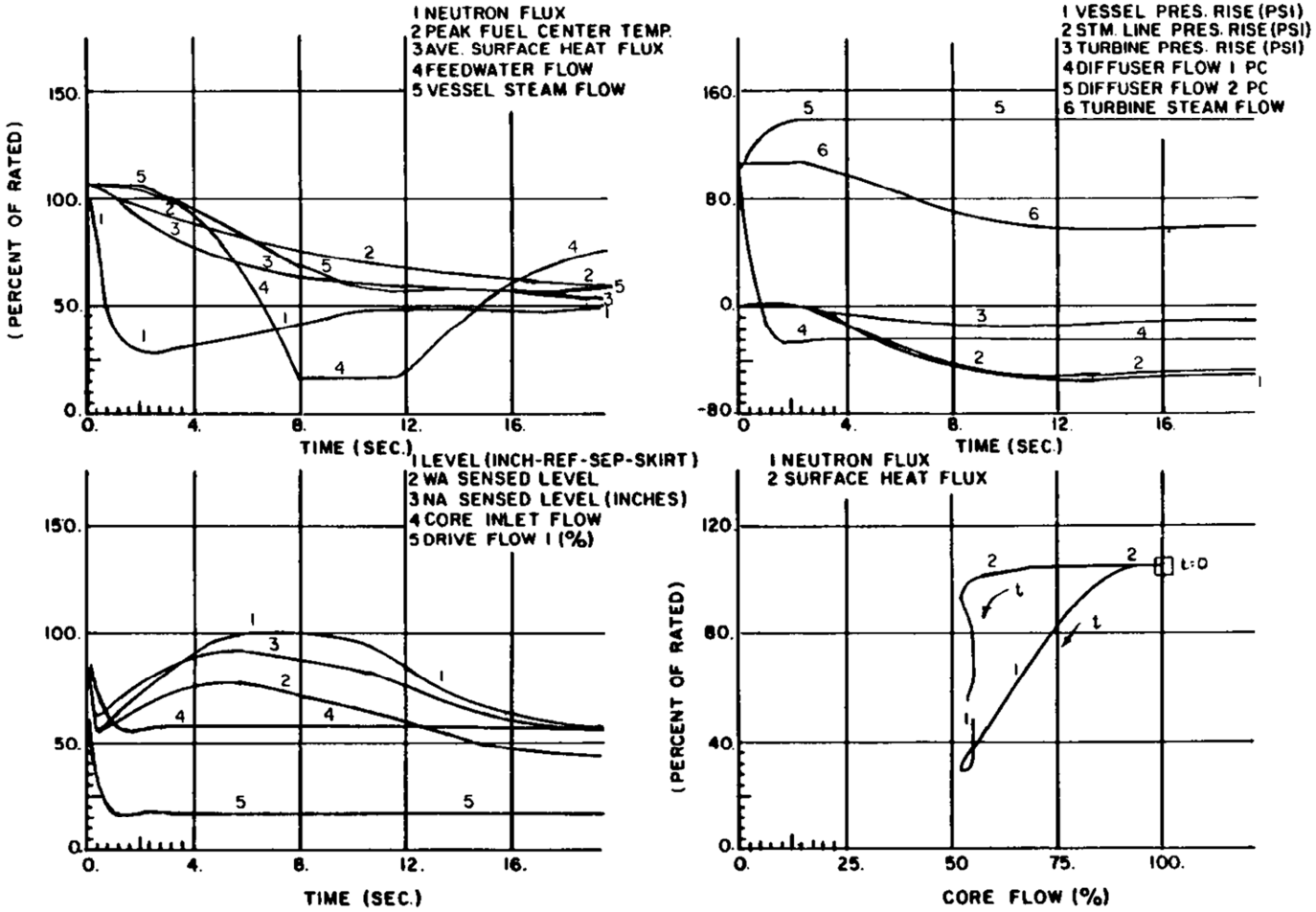
TRIP OF BOTH RECIRCULATION PUMPS, UNIT 2 – CYCLE 1



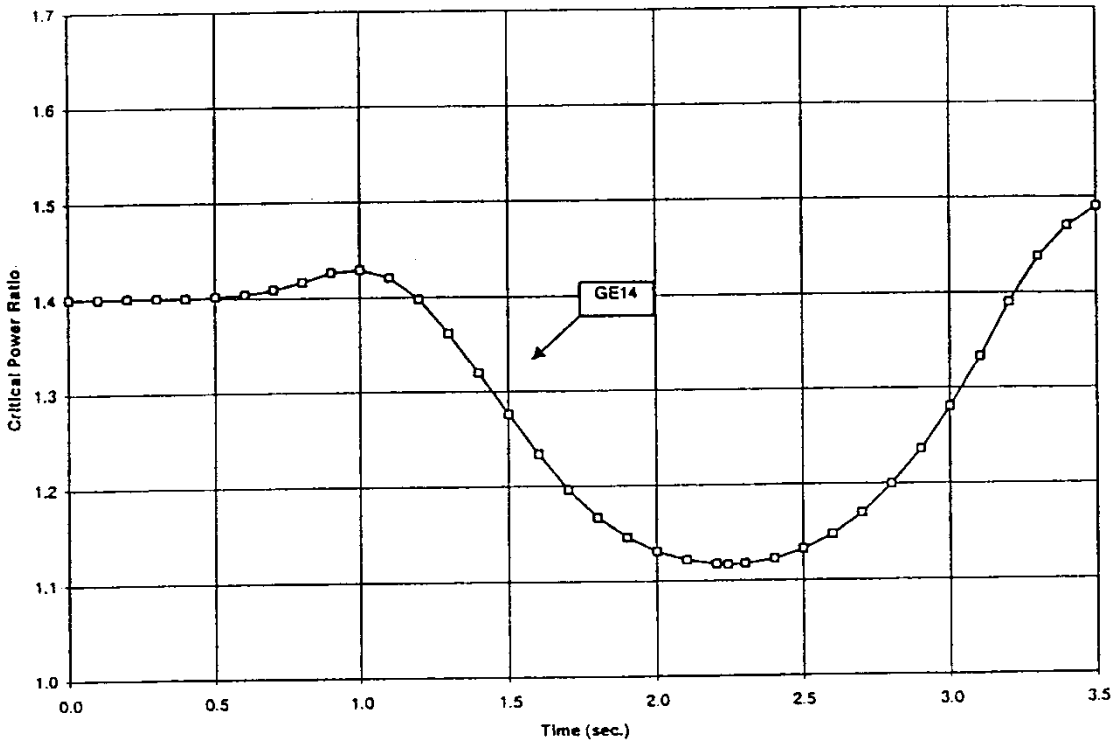
SEIZURE OF ONE RECIRCULATION PUMP, UNIT 1 – CYCLE 1



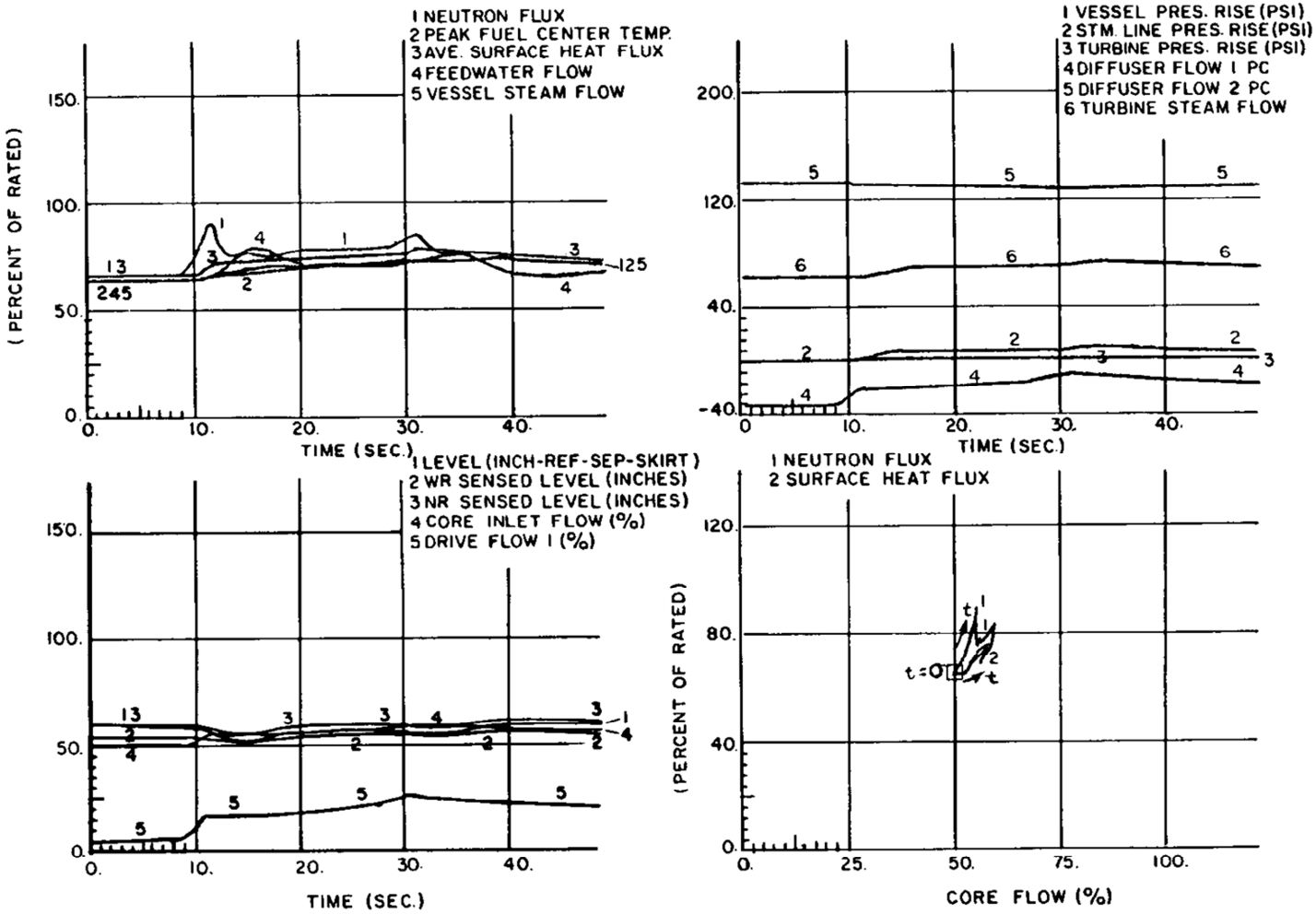
SEIZURE OF ONE RECIRCULATION PUMP, UNIT 2 – CYCLE 1



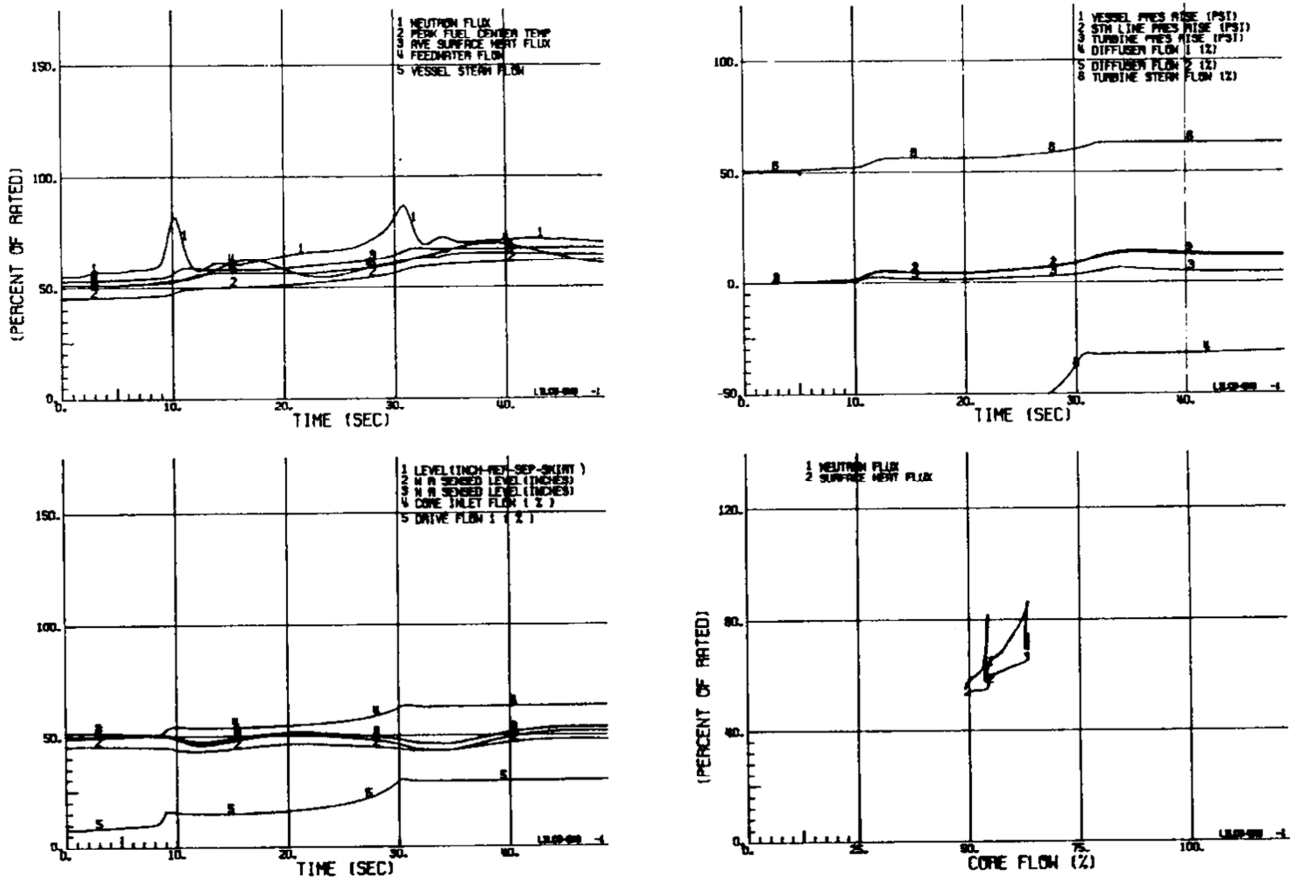
SEIZURE OF OPERATING RECIRCULATION PUMP SINGLE LOOP OPERATION



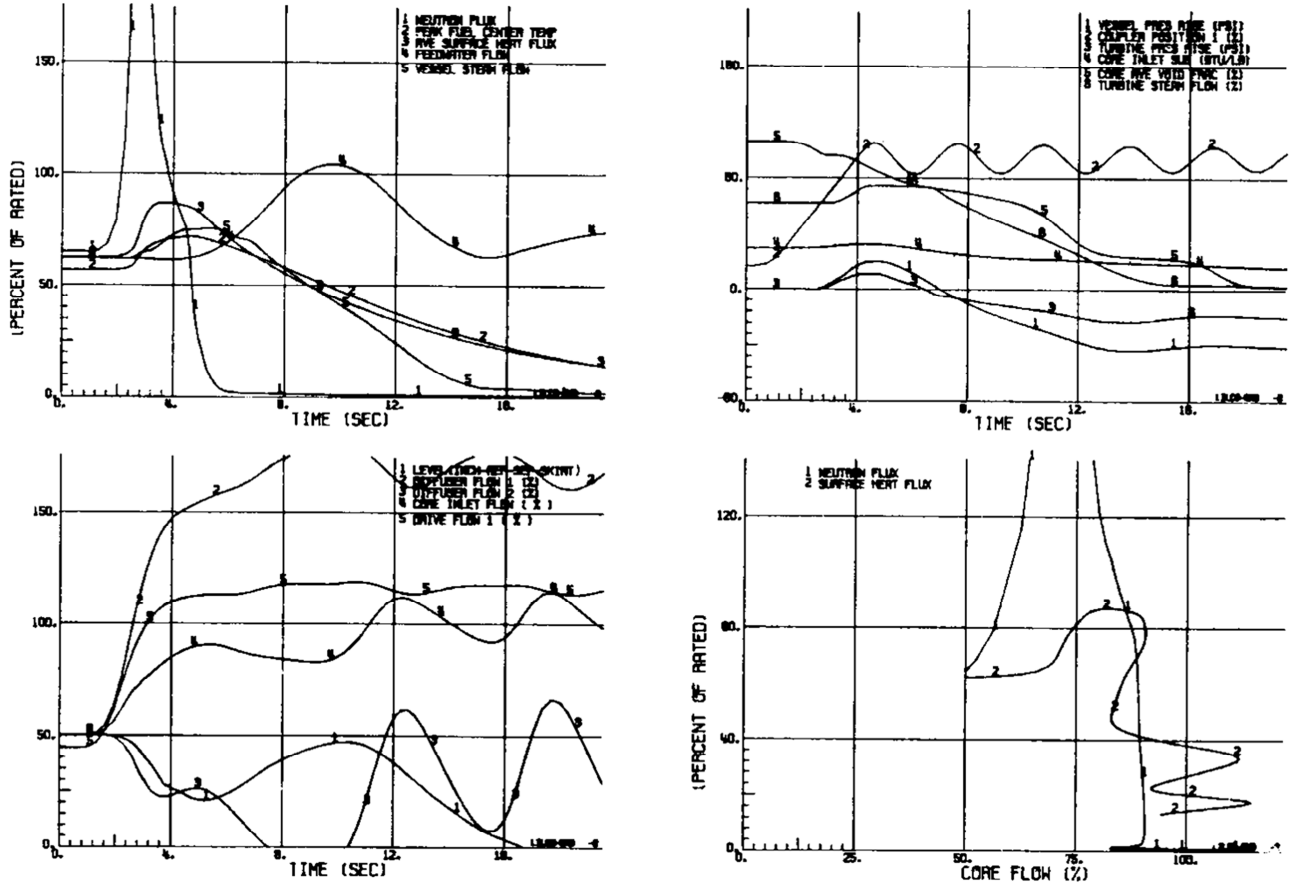
ABNORMAL STARTUP OF IDLE RECIRCULATION PUMP, UNIT 2 – CYCLE 1



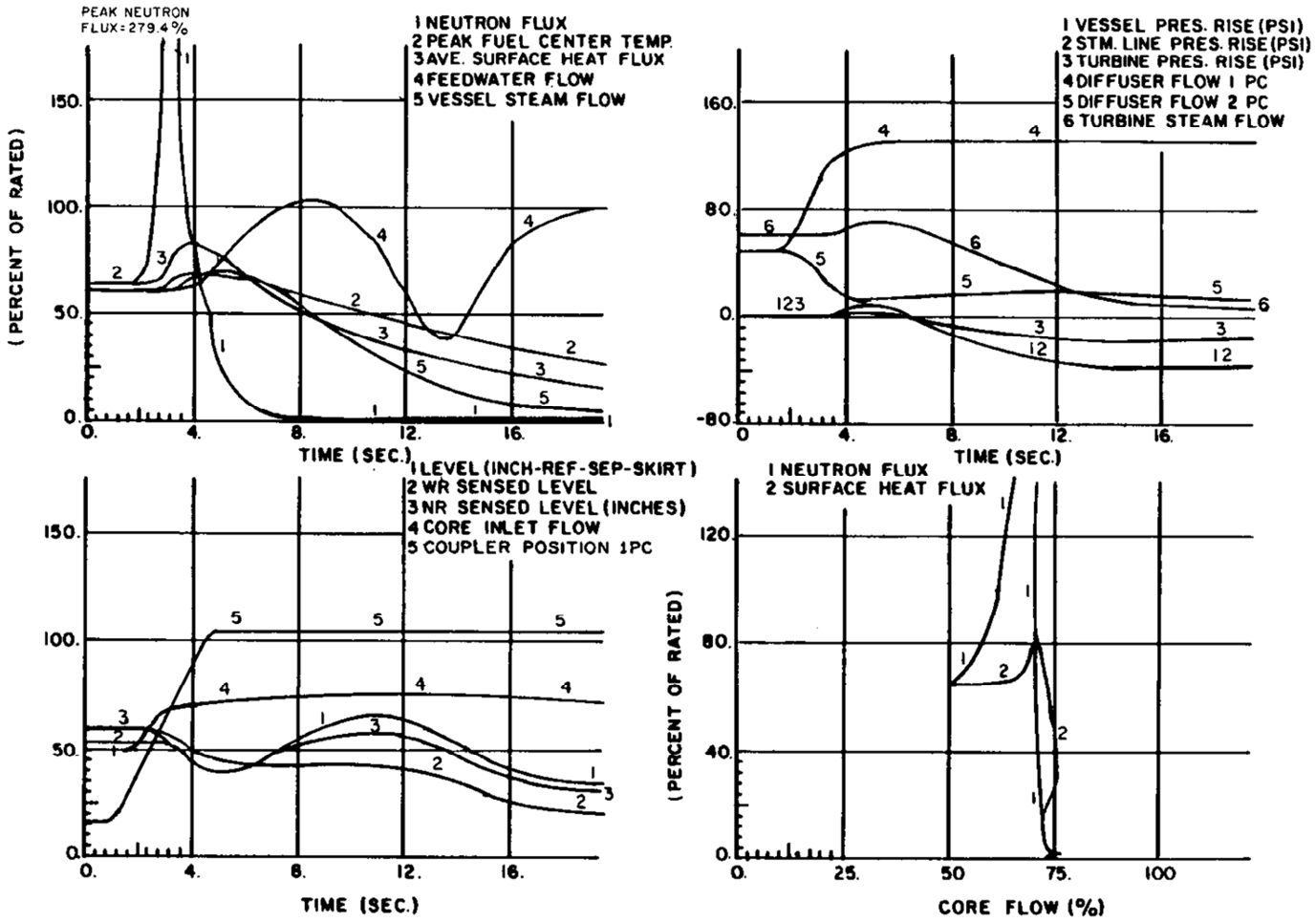
ABNORMAL STARTUP OF IDLE RECIRCULATION PUMP, UNIT 1 – CYCLE 1



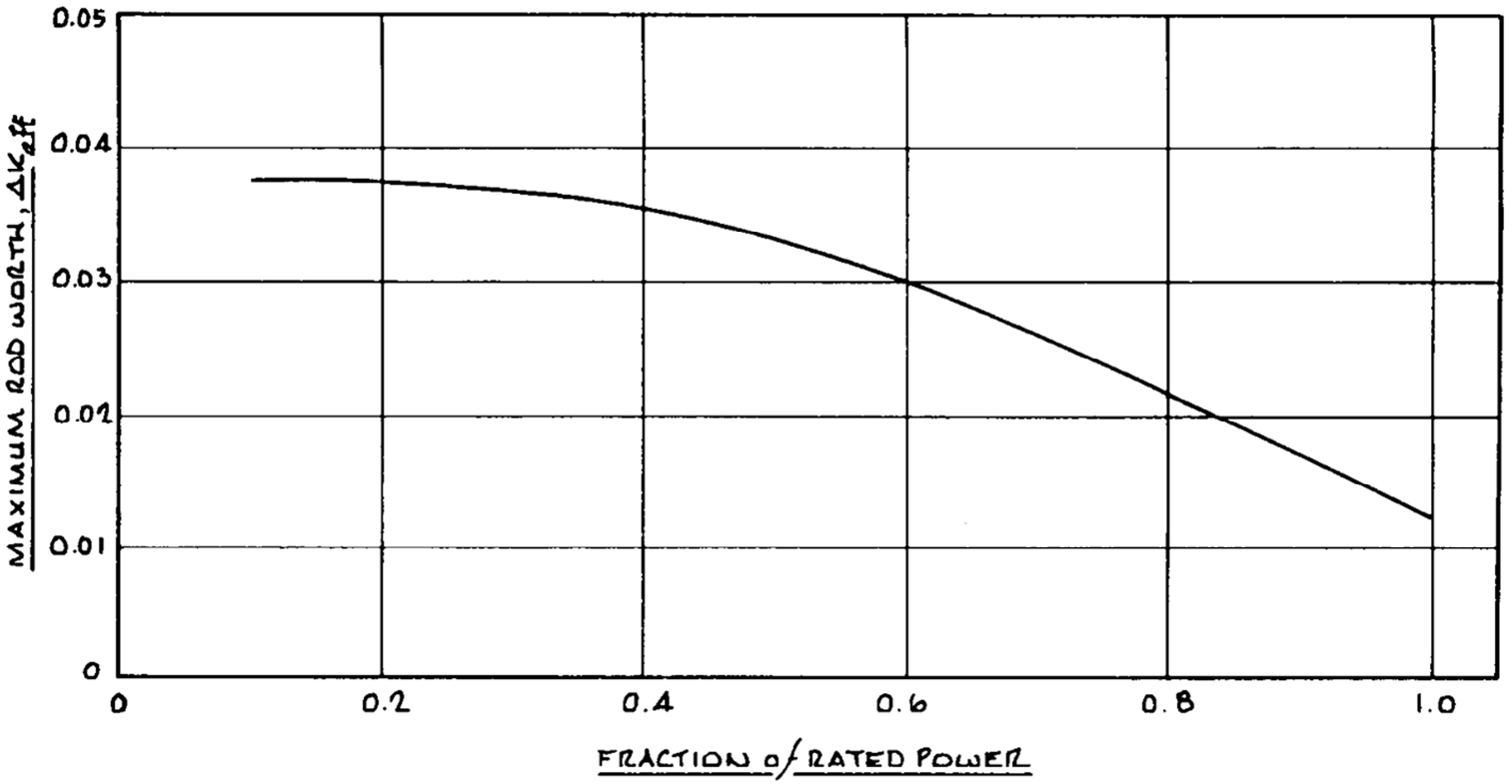
RECIRCULATION FLOW CONTROL FAILURE - INCREASING FLOW, UNIT 1 – CYCLE 1



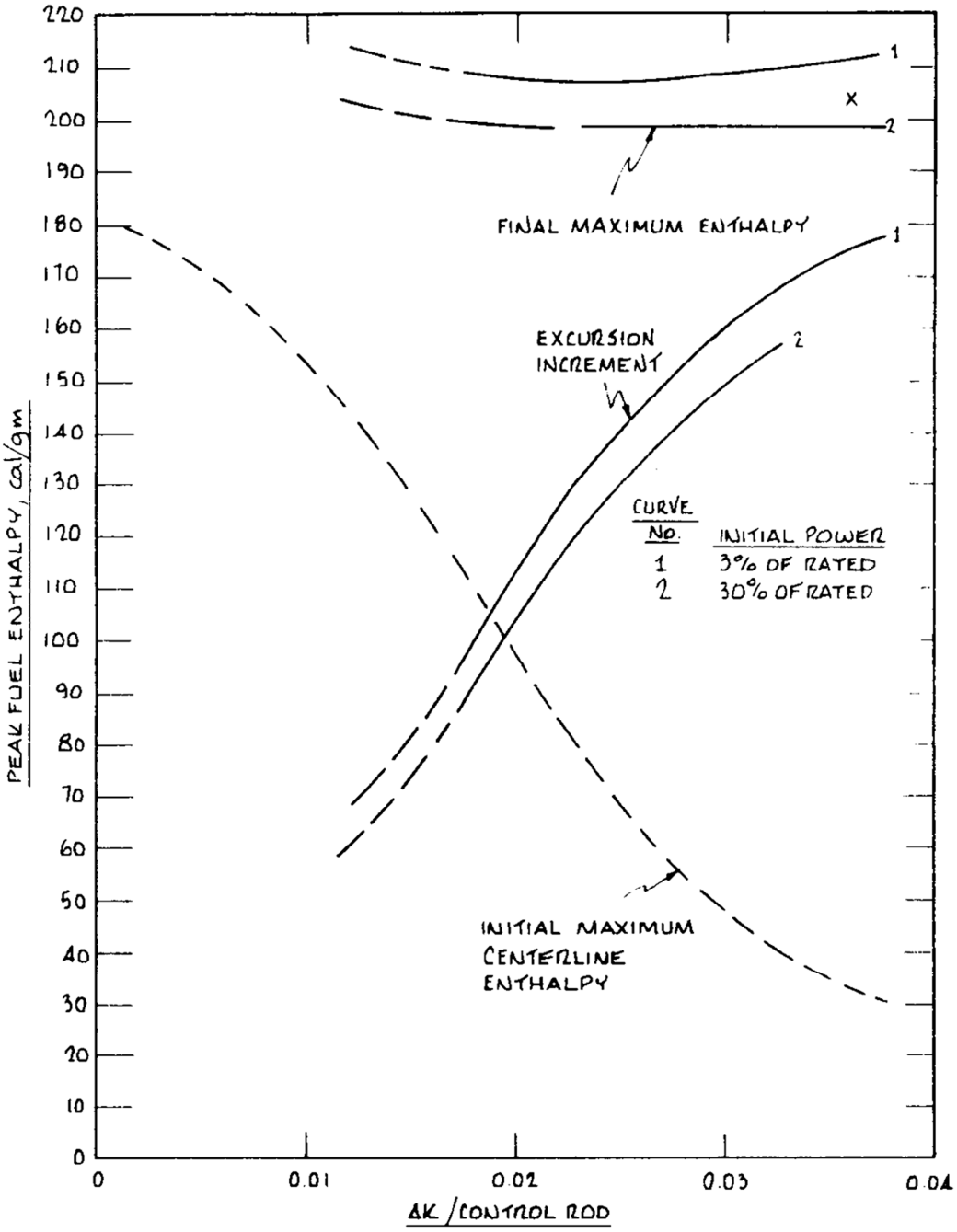
RECIRCULATION FLOW CONTROL FAILURE - INCREASING FLOW, UNIT 2 – CYCLE 1



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