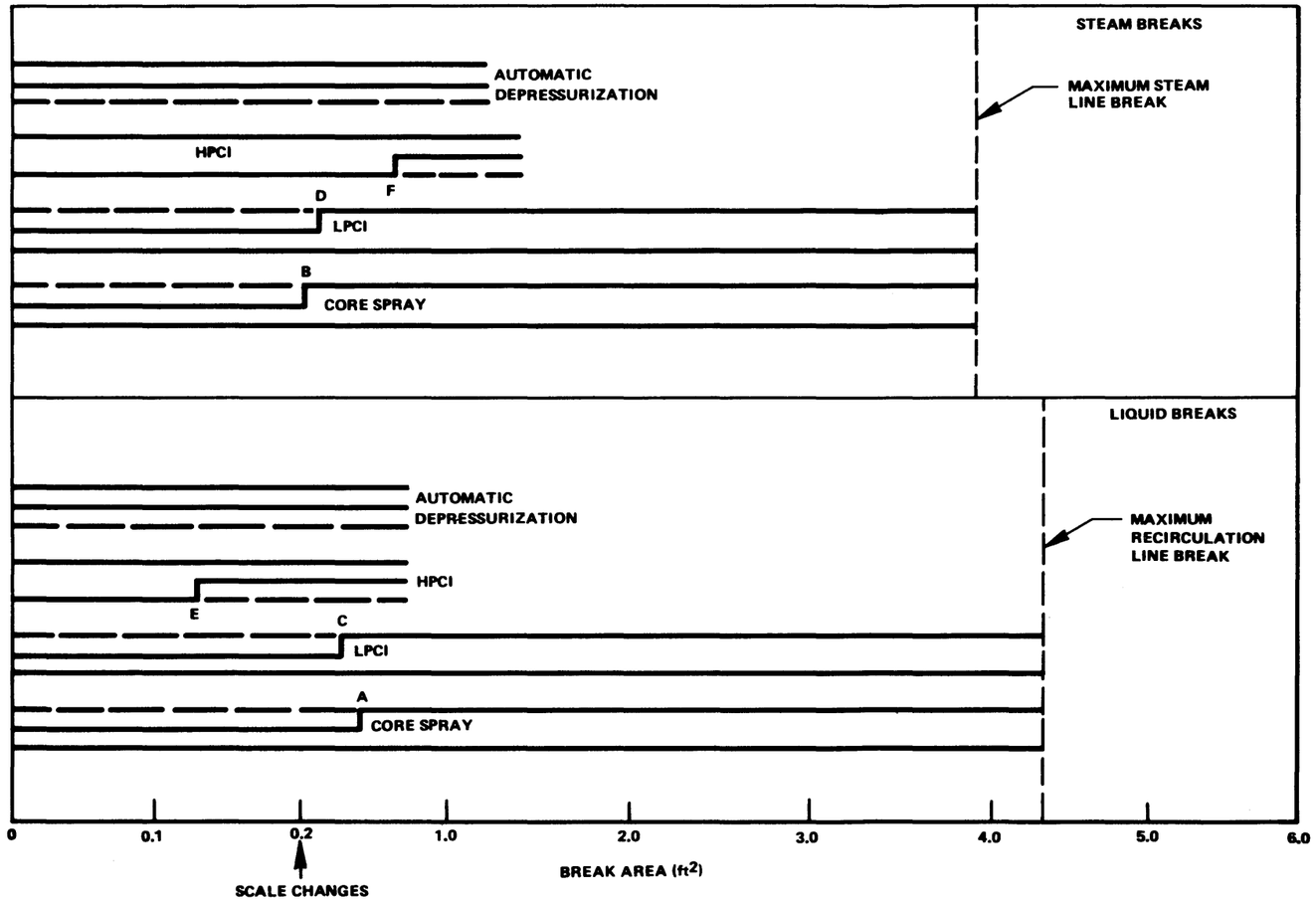

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CSCS'S PERFORMANCE
CAPABILITY CHART

FIGURE 6.3.1

Figure 6.4.1 thru 6.4.2

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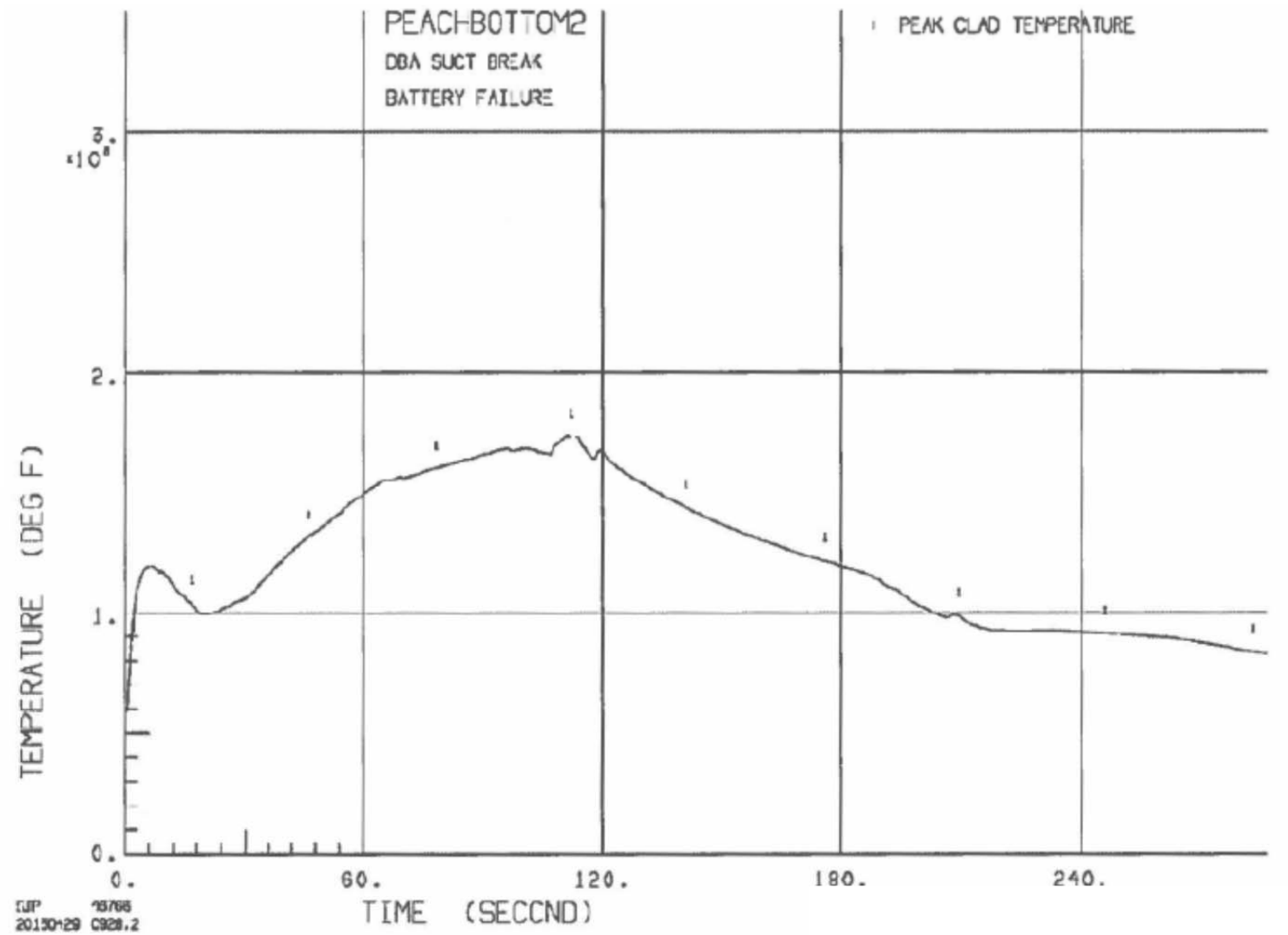

Peak Cladding Temperature,
Maximum Recirculation Suction Line Break,
Battery Failure, EPU Power / MELLLA+ Core Flow,
Appendix K Assumptions

PEACH BOTTOM ATOMIC POWER STATION
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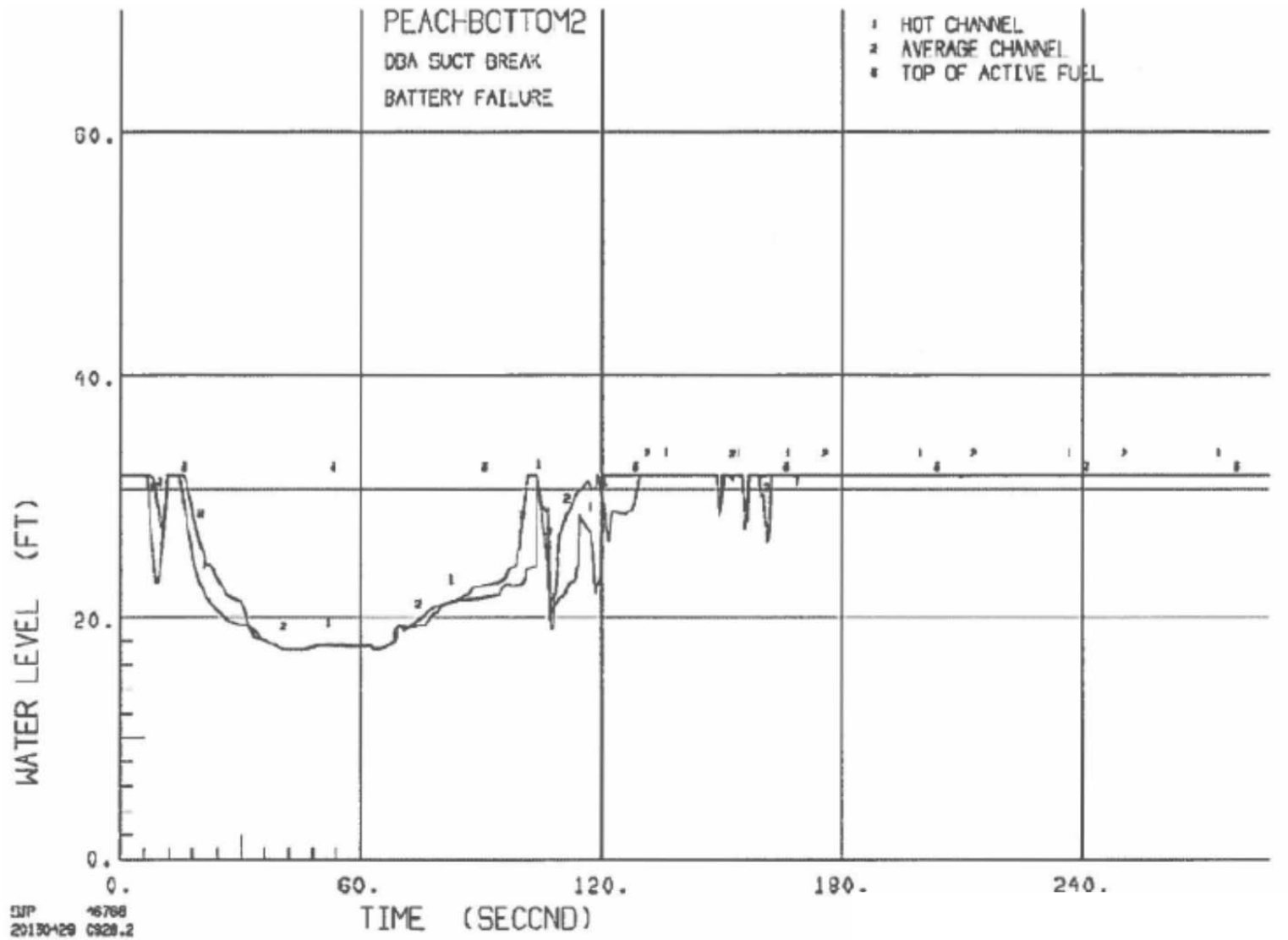
PEAK CLADDING TEMPERATURE VERSUS TIME
DESIGN BASIS ACCIDENT BREAK

FIGURE 6.5.1 **REV. 26 04/17**



Water Level in Hot and Average Channels,
Maximum Recirculation Suction Line Break,
Battery Failure, EPU Power / MELLLA+ Core Flow,
Appendix K Assumptions

PEACH BOTTOM ATOMIC POWER STATION
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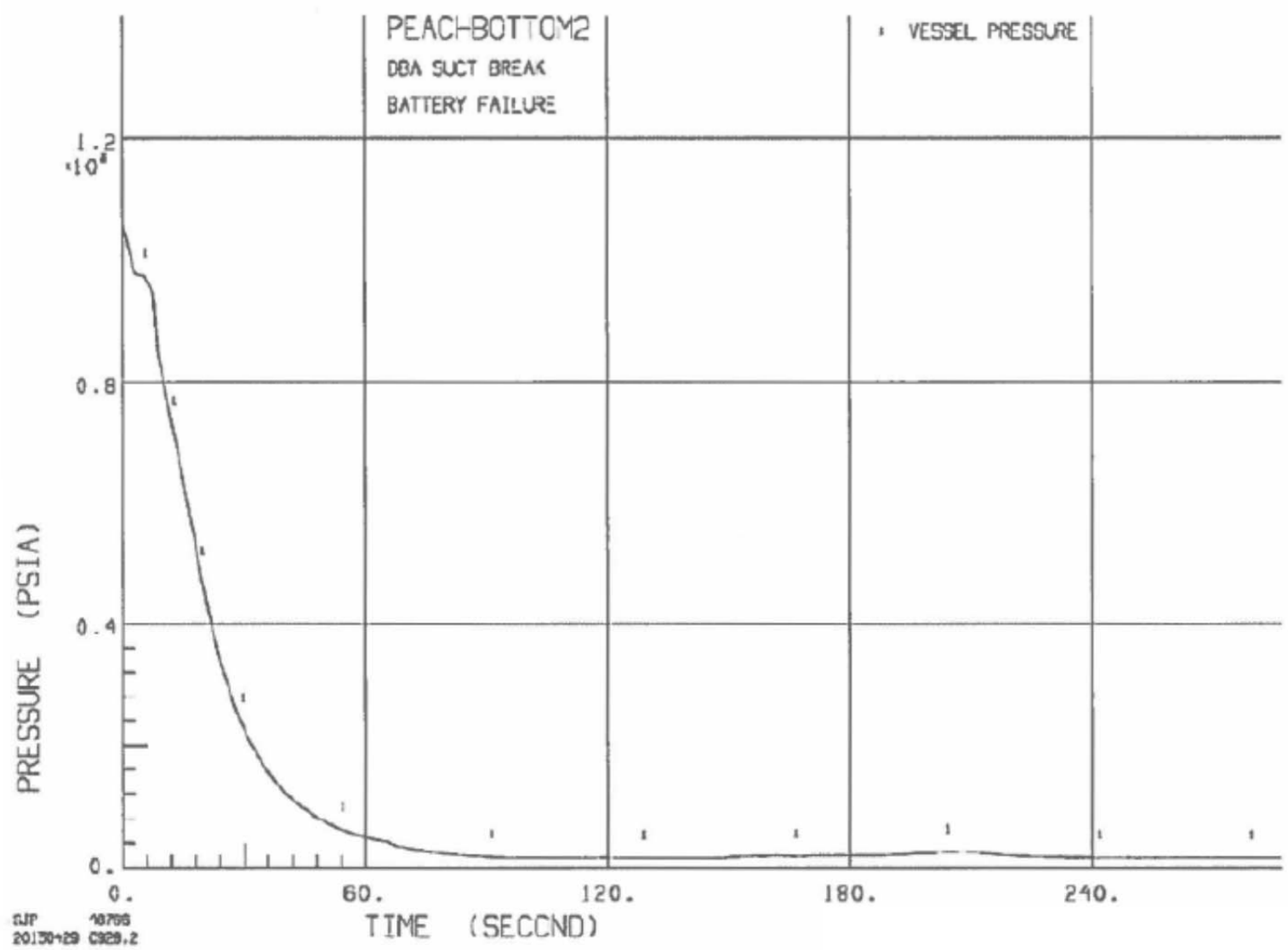
WATER LEVELIN HOT AND AVERAGE CHANNEL VS. TIME, DESIGN BASIS ACCIDENT BREAK

FIGURE 6.5.2 **REV. 26 04/17**



Reactor Vessel Pressure,
Maximum Recirculation Suction Line Break,
Battery Failure, EPU Power / MELLLA+ Core Flow,
Appendix K Assumptions

PEACH BOTTOM ATOMIC POWER STATION
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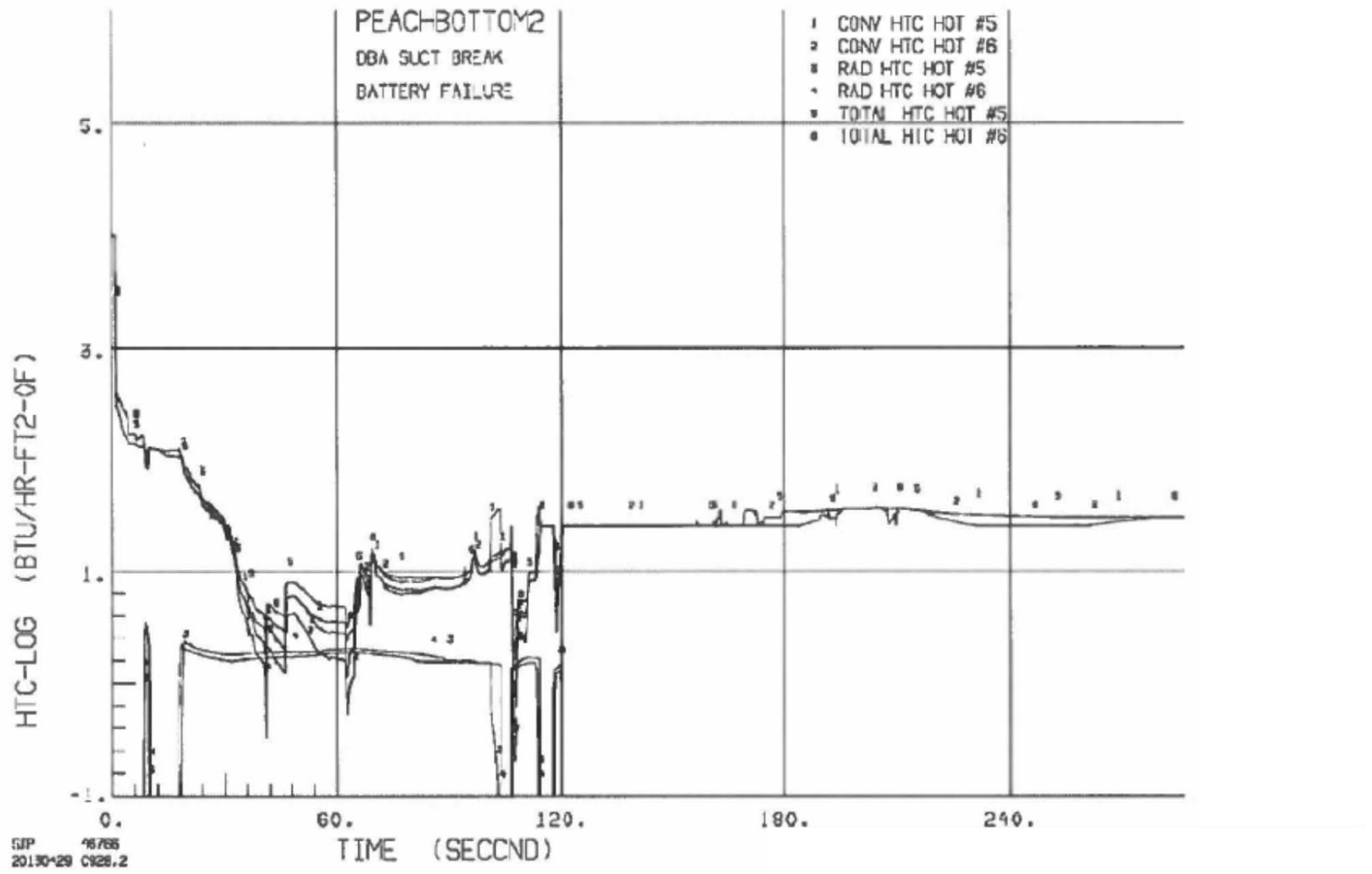
REACTOR PRESSURE VERSUS TIME
DESIGN BASIS ACCIDENT BREAK

FIGURE 6.5.3 **REV. 26 04/17**



Heat Transfer Coefficients,
Maximum Recirculation Suction Line Break,
Battery Failure, EPU Power / MELLLA+ Core Flow,
Appendix K Assumptions

PEACH BOTTOM ATOMIC POWER STATION
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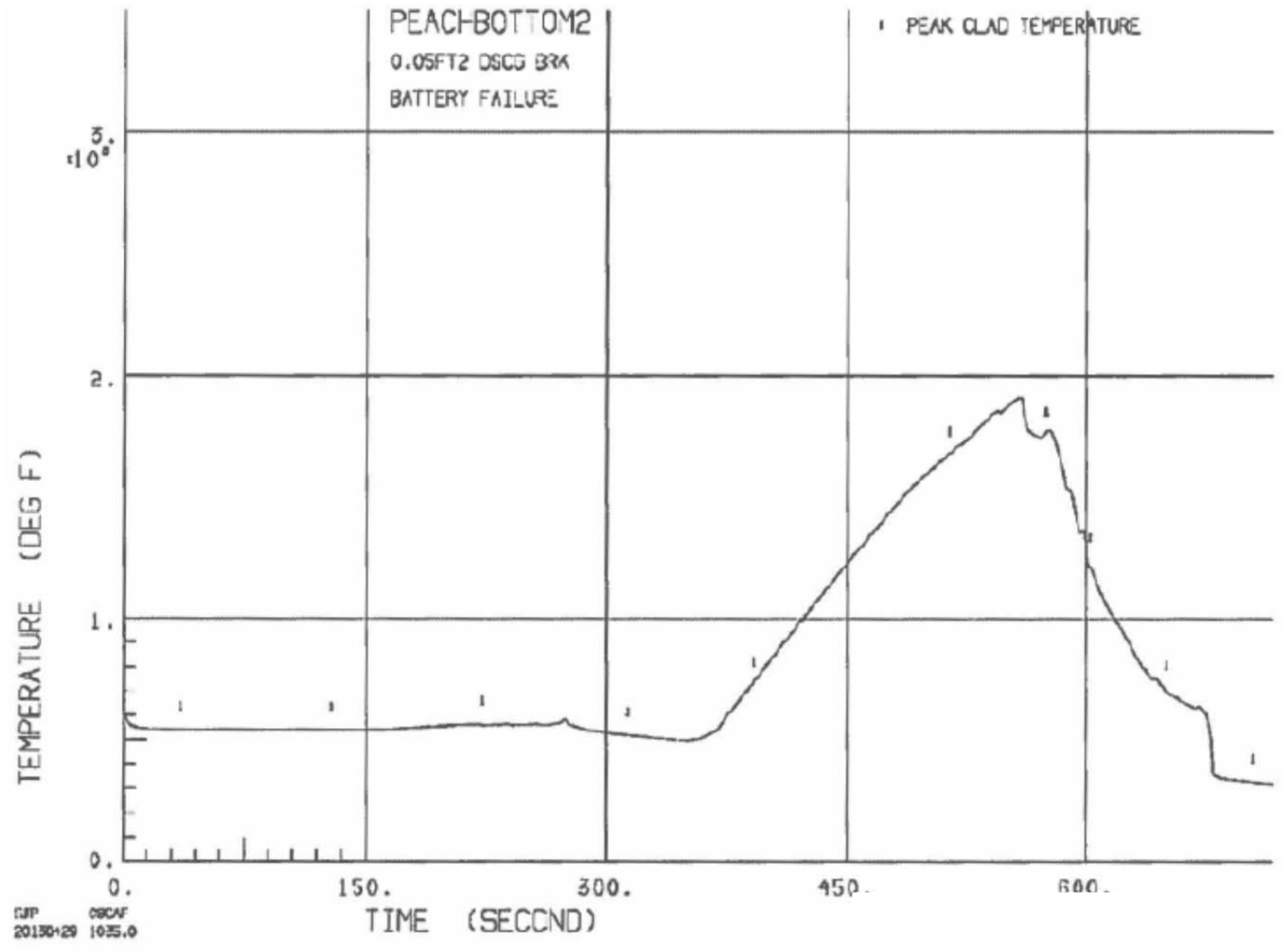
HEAT TRANSFER COEFFICIENTS,
MAXIMUM RECIRCULATION SUCTION LINE BREAK

FIGURE 6.5.4 **REV. 26 04/17**



Peak Cladding Temperature,
0.05 ft^2 Recirculation Discharge Line Break,
Battery Failure, EPU Power / MELLLA+ Core Flow,
Appendix K Assumptions

PEACH BOTTOM ATOMIC POWER STATION
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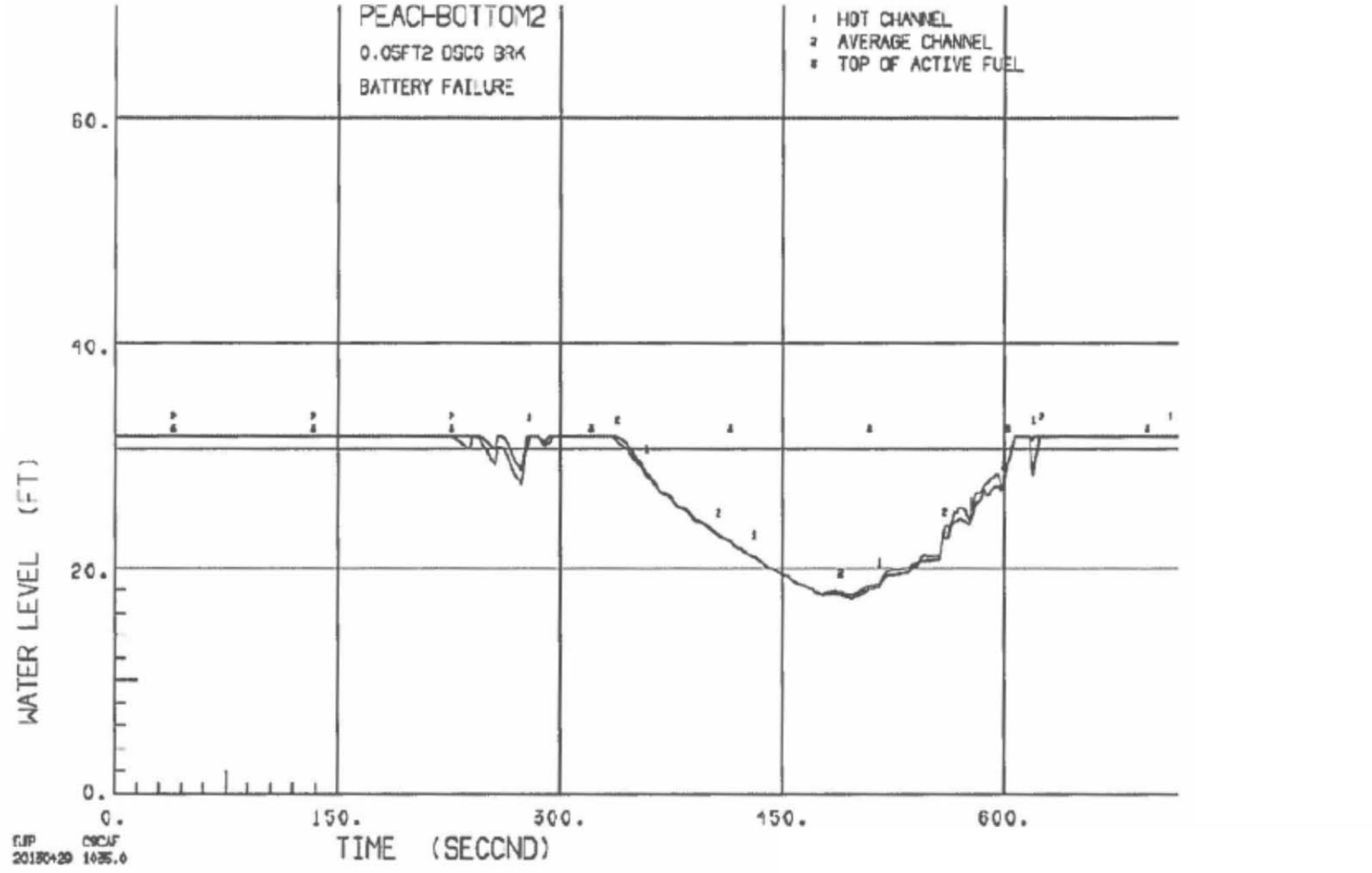
PEAK CLADDING TEMPERATURE
0.05 FT^2 RECIRCULATION DISCHARGE LINE BREAK

FIGURE 6.5.5 **REV. 26 04/17**



Water Level in Hot and Average Channels,
0.05 ft^2 Recirculation Discharge Line Break,
Battery Failure, EPU Power / MELLLA+ Core Flow,
Appendix K Assumptions

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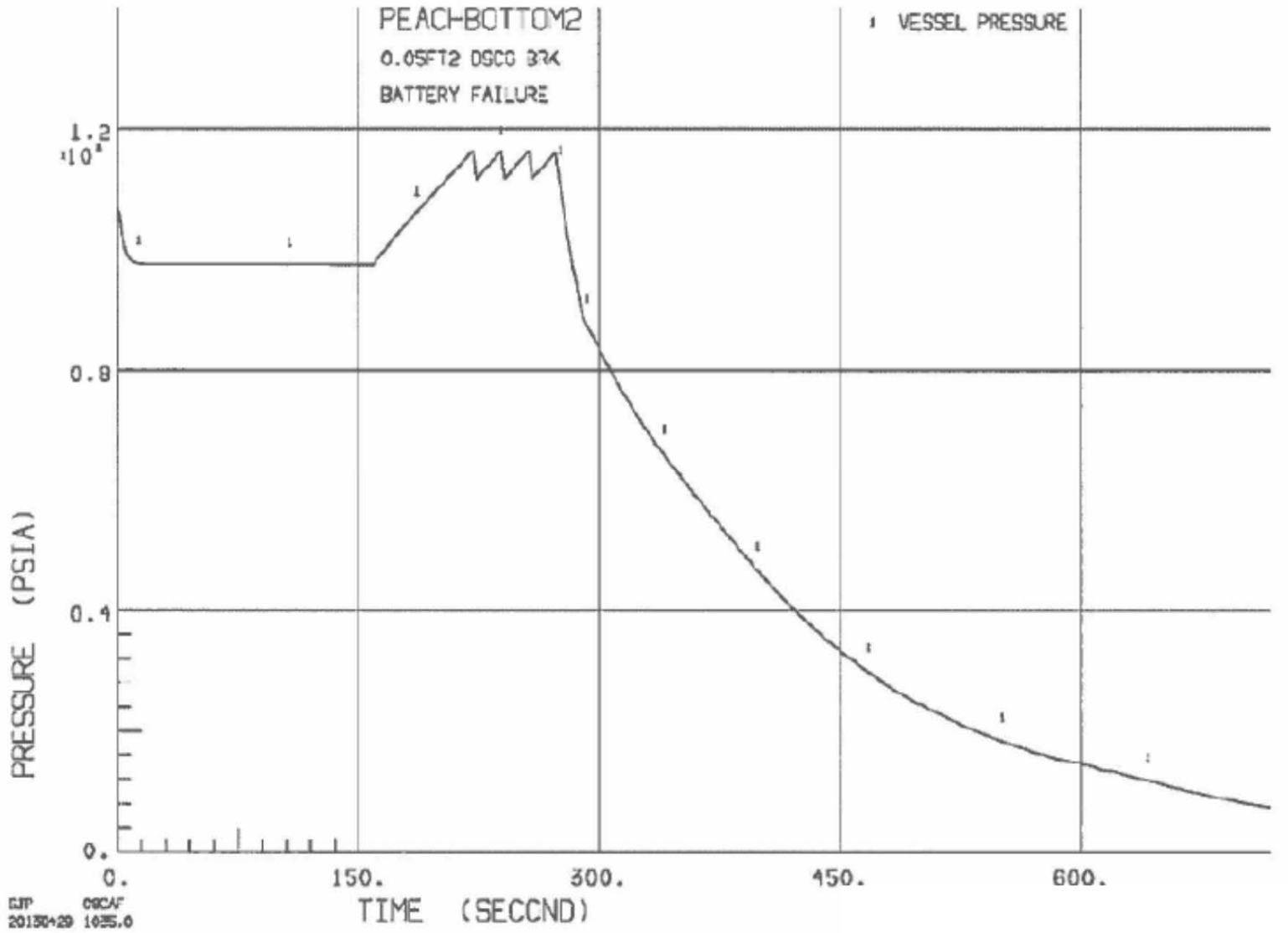
WATER LEVEL IN HOT AND AVERAGE CHANNELS
0.05 FT^2 RECIRCULATION DISCHARGE LINE BREAK

FIGURE 6.5.6 **REV. 26 04/17**



Reactor Vessel Pressure,
0.05 ft^2 Recirculation Discharge Line Break,
Battery Failure, EPU Power / MELLLA+ Core Flow,
Appendix K Assumptions

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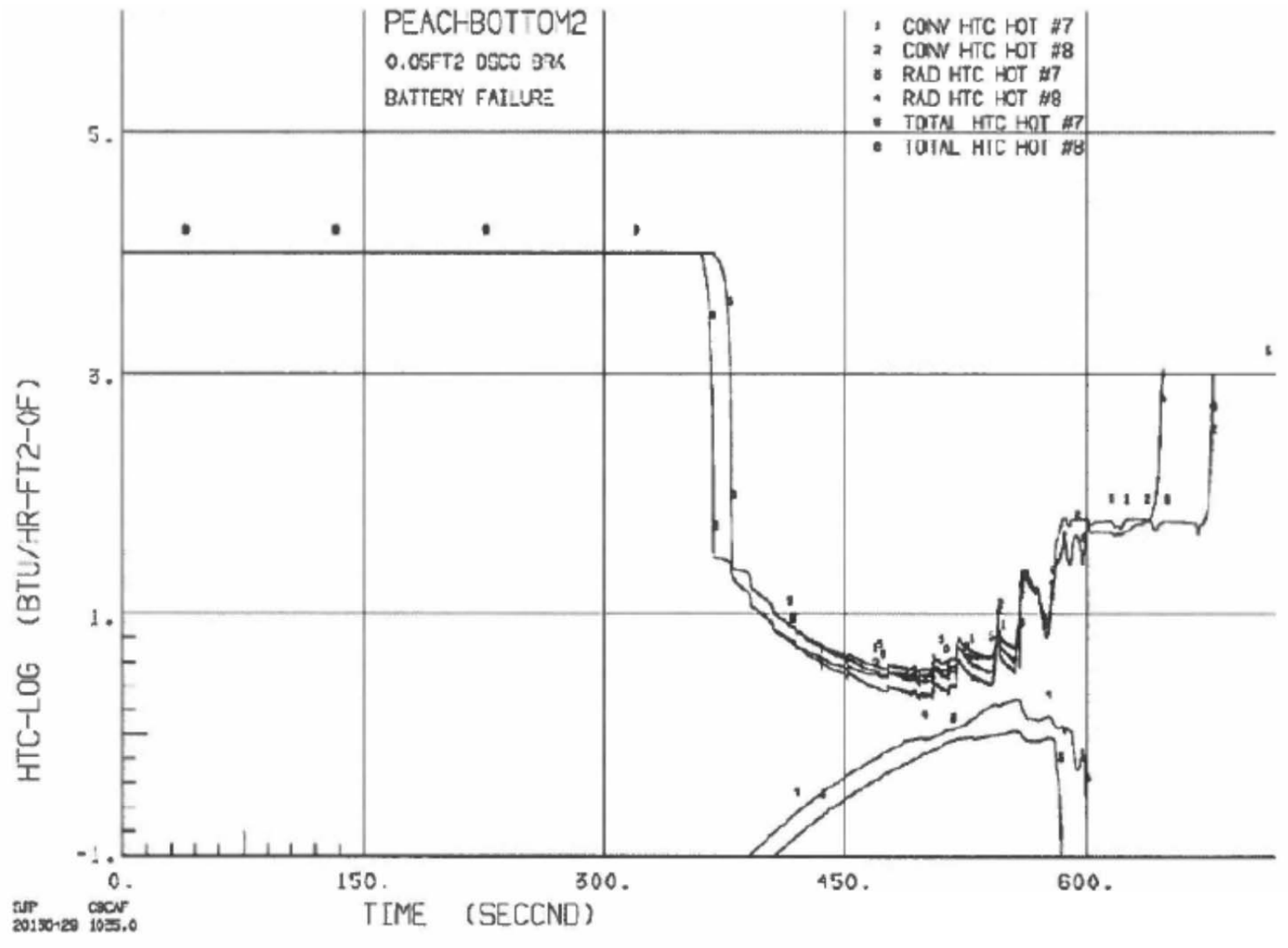
REACTOR VESSEL PRESSURE
0.05 FT^2 RECIRCULATION DISCHARGE LINE BREAK

FIGURE 6.5.7 **REV. 26 04/17**



Heat Transfer Coefficients,
0.05 ft^2 Recirculation Discharge Line Break,
Battery Failure, EPU Power / MELLLA+ Core Flow,
Appendix K Assumptions

PEACH BOTTOM ATOMIC POWER STATION
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HEAT TRANSFER COEFFICIENTS
0.05 FT^2 RECIRCULATION DISCHARGE LINE BREAK

FIGURE 6.5.8 **REV. 26 04/17**

FIGURE 6.5.9

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FIGURE 6.5.10

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FIGURE 6.5.11

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FIGURE 6.5.12

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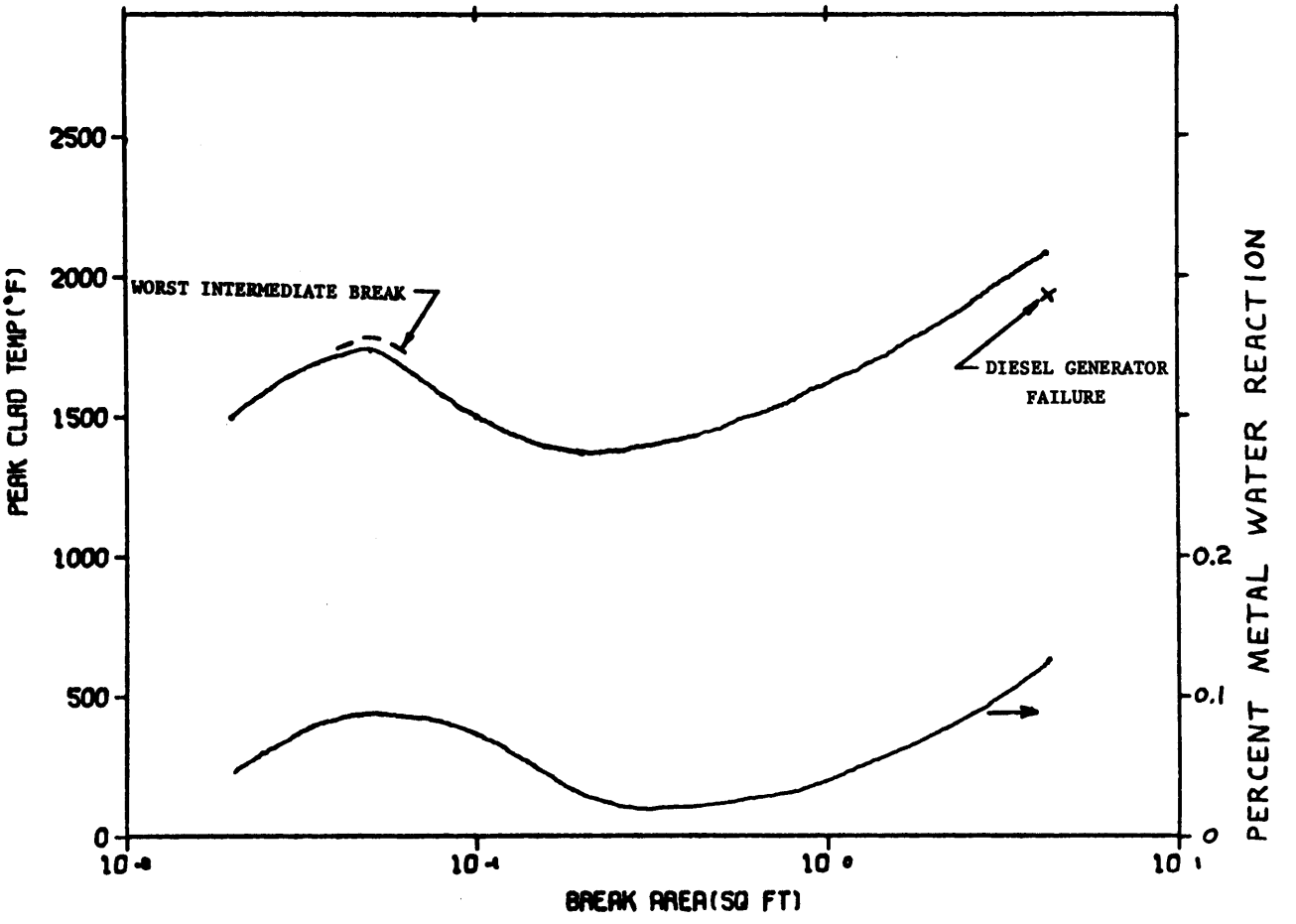

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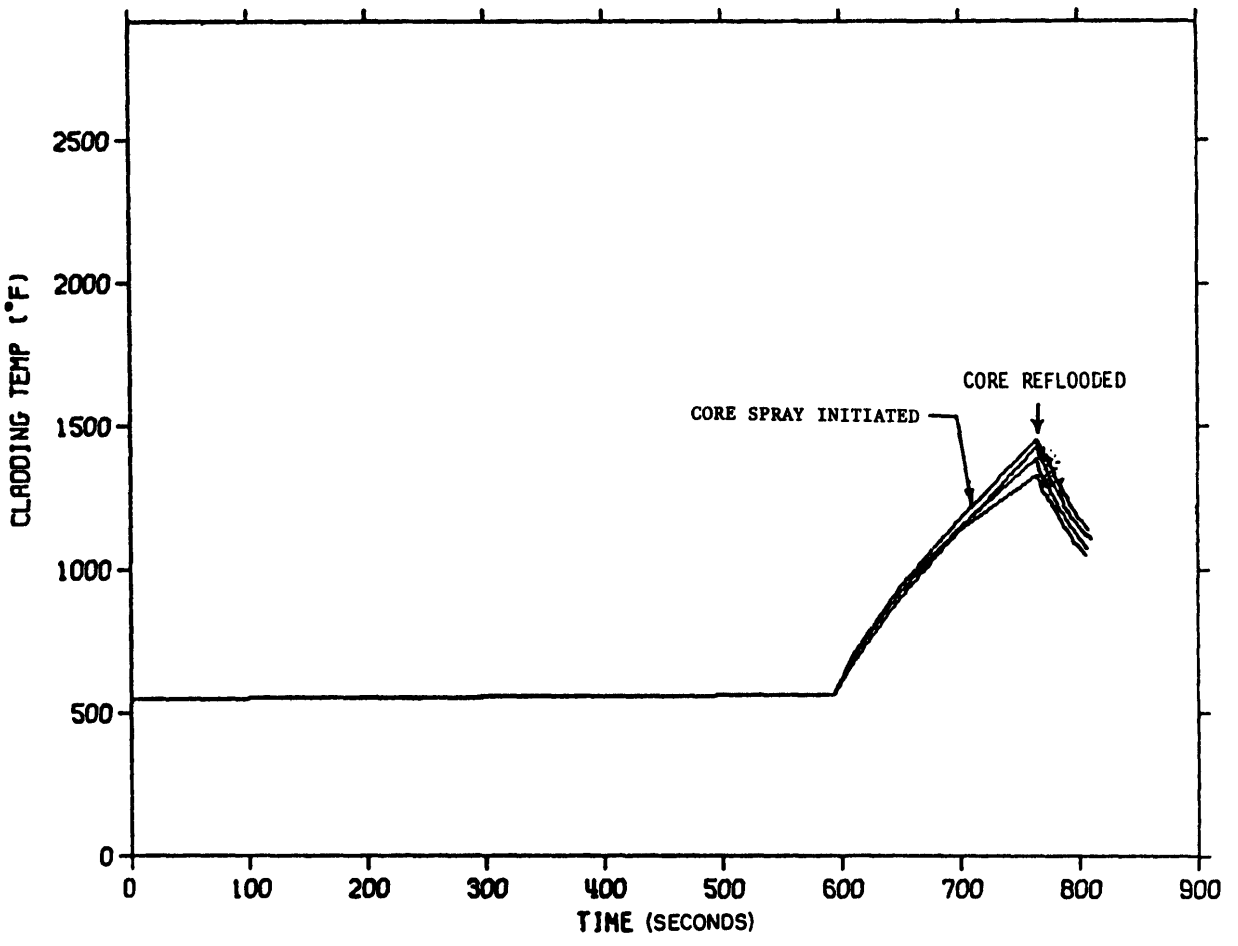
PEAK CLAD TEMPERATURE VERSUS BREAK AREA, TWO CORE SPRAY SYSTEMS, AEC/NRC ASSUMPTIONS

FIGURE 6.7.1



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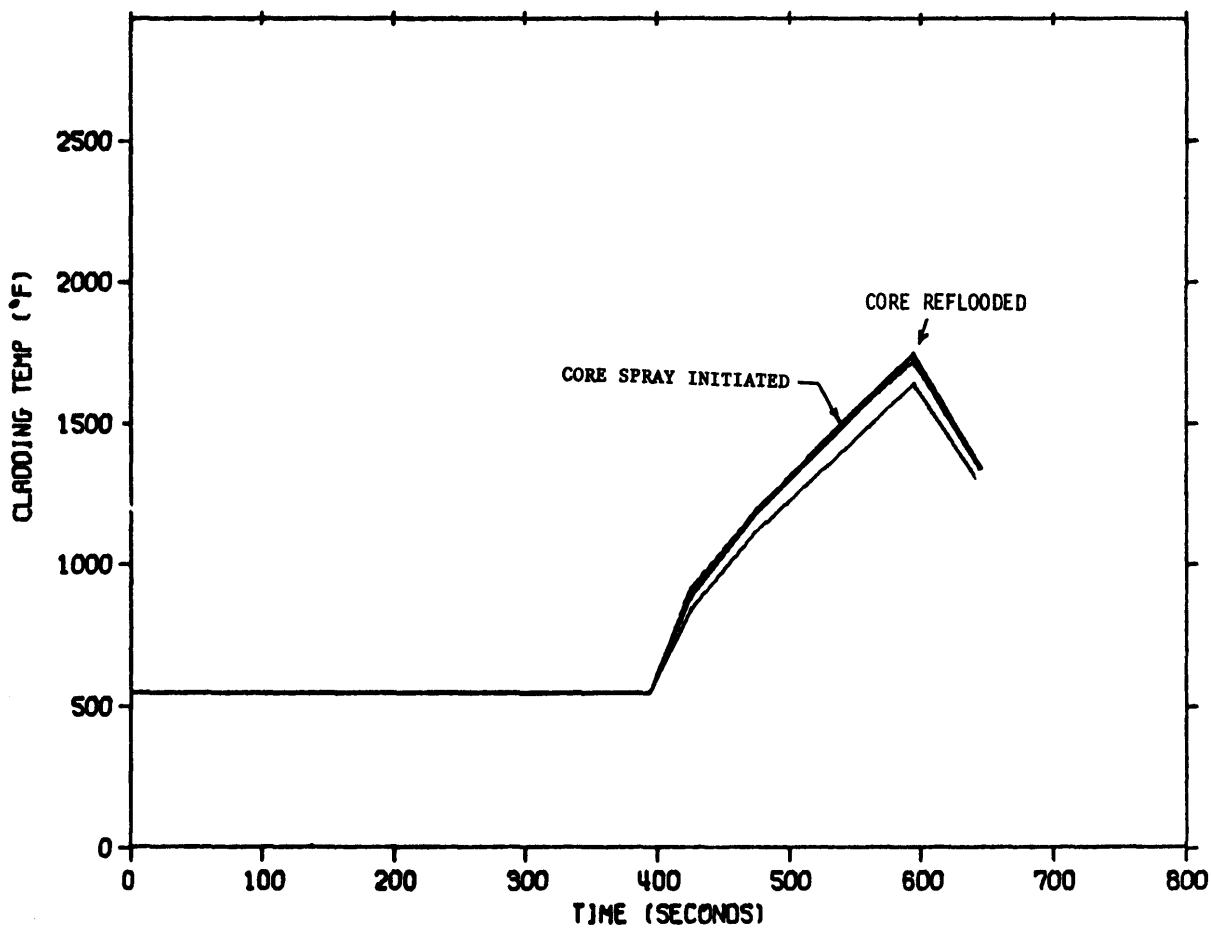
CLADDING TEMPERATURE VERSUS TIME, TWO CORE SPRAY SYSTEMS PLUS ADS, AEC/NRC ASSUMPTIONS, .02-SQ FT BREAK

FIGURE 6.7.2



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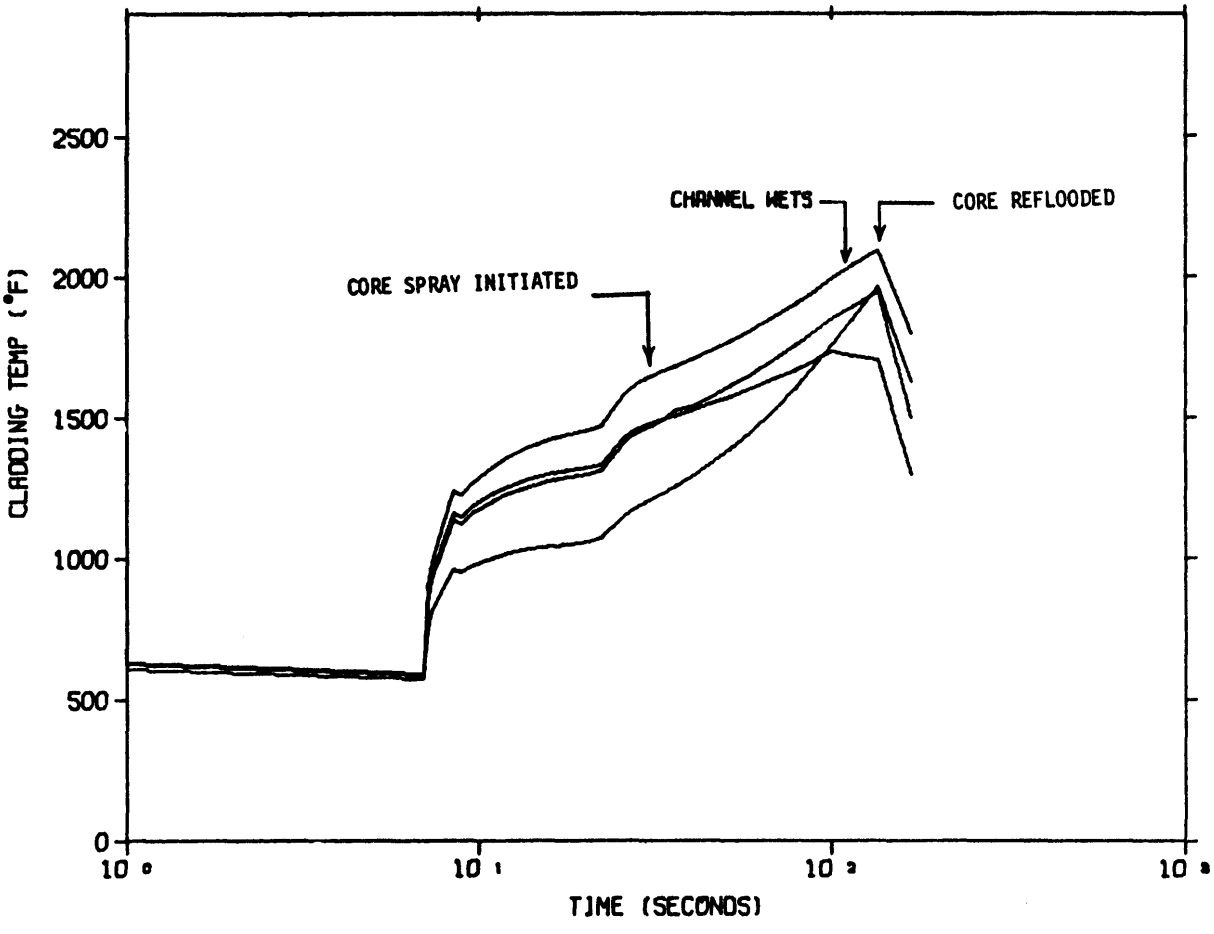
CLADDING TEMPERATURE VERSUS TIME, TWO CORE SPRAY SYSTEMS PLUS ADS, AEC/NRC ASSUMPTIONS, .05-SQ FT BREAK

FIGURE 6.7.3



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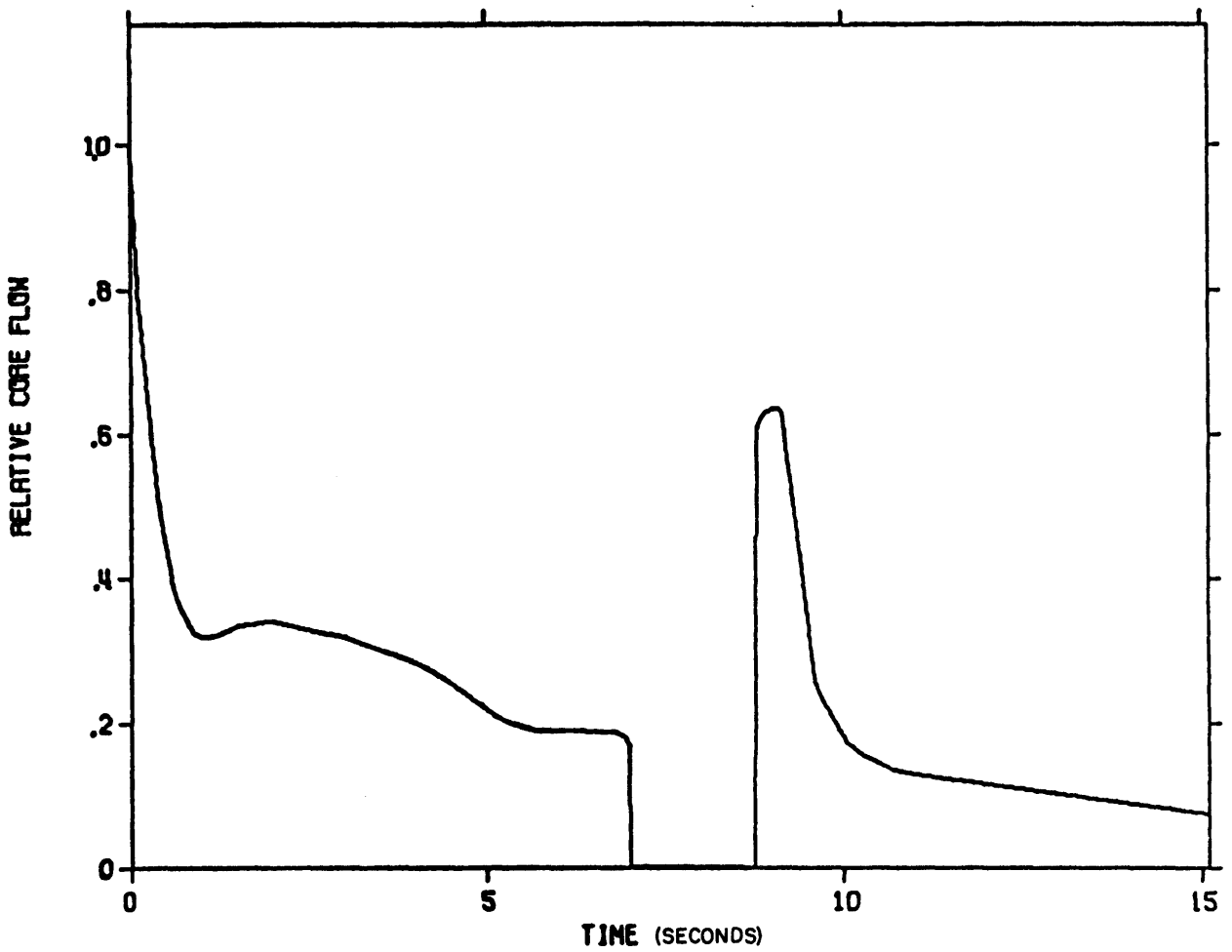
UPDATED FINAL SAFETY ANALYSIS REPORT

DESIGN BASIS ACCIDENT, TWO CORE SPRAY SYSTEMS, AEC/NRC ASSUMPTIONS

FIGURE 6.7.4



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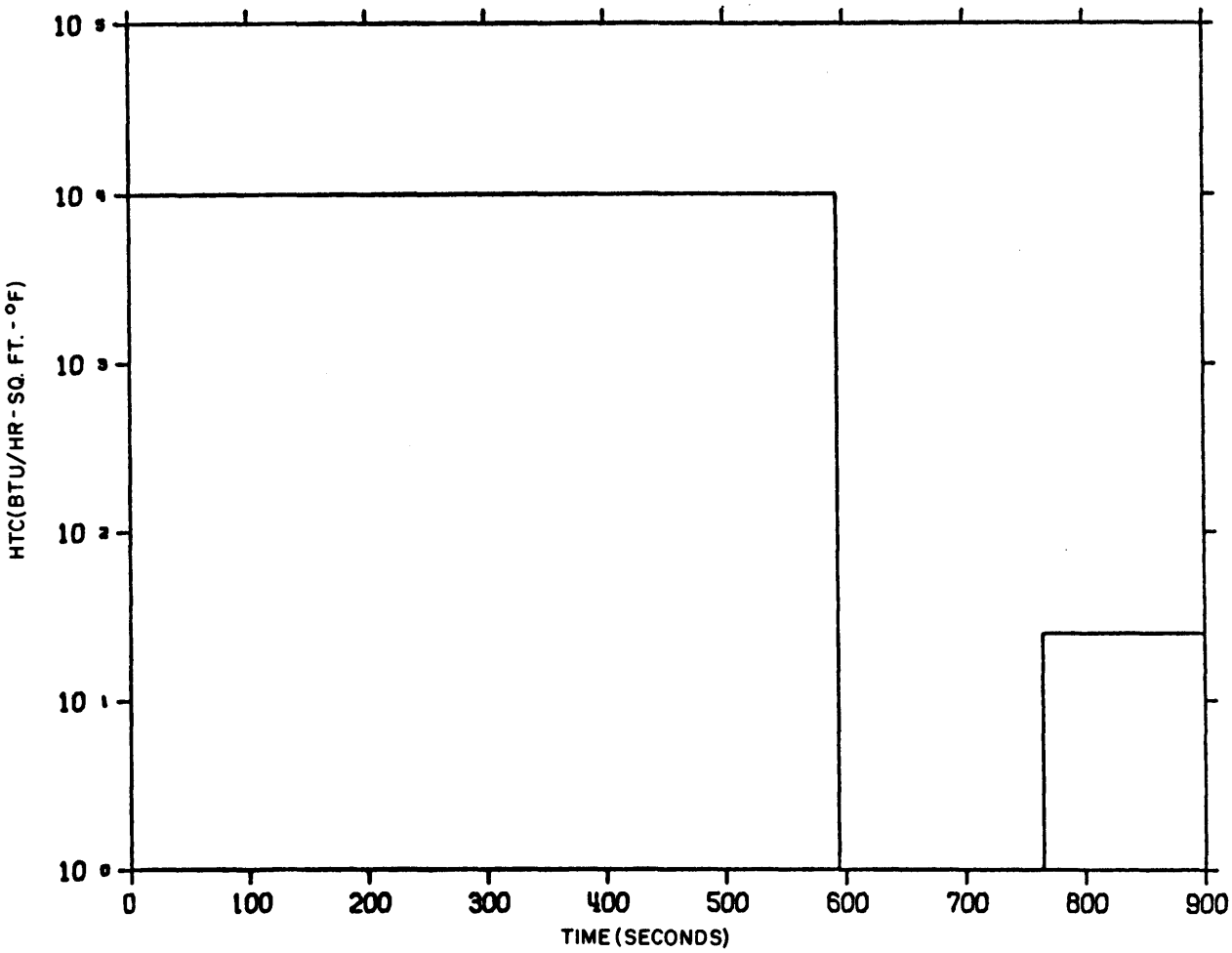
UPDATED FINAL SAFETY ANALYSIS REPORT

CORE FLOW FOLLOWING DESIGN BASIS ACCIDENT VERSUS TIME

FIGURE 6.7.5



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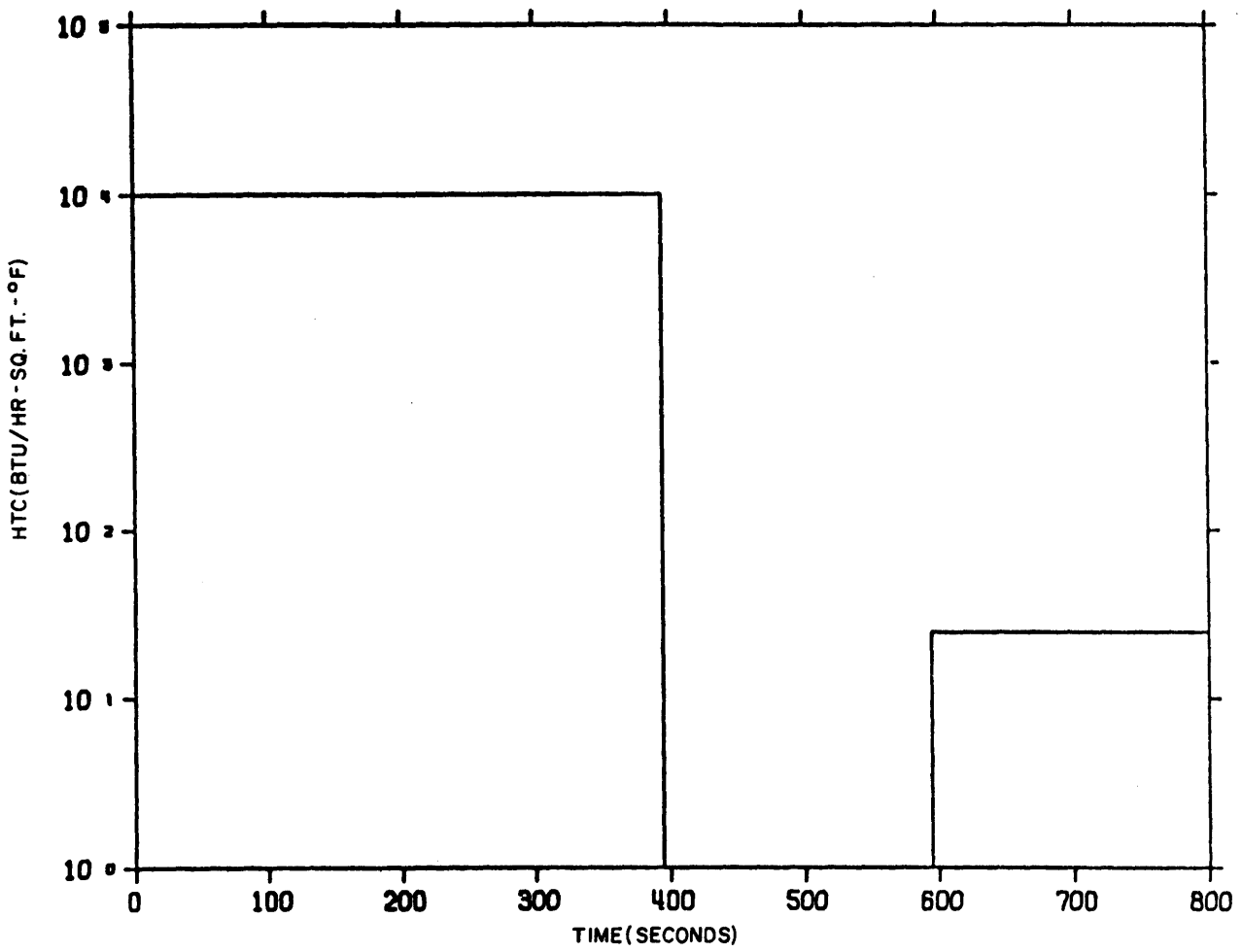
HEAT TRANSFER COEFFICIENT VERSUS TIME, TWO CORE SYSTEMS PLUS ADS, AEC/NRC ASSUMPTIONS, .02-SQ FT BREAK

FIGURE 6.7.6



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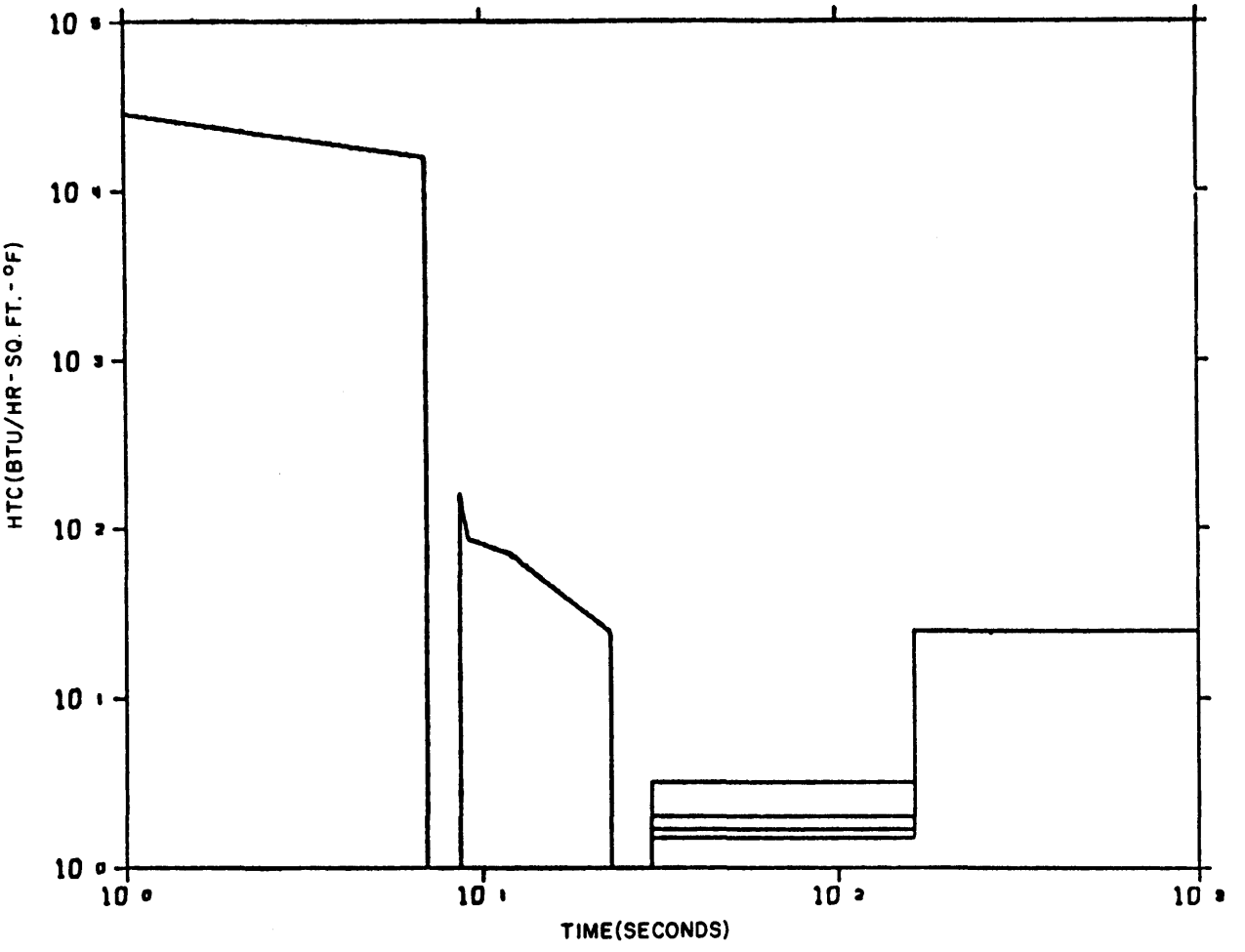
HEAT TRANSFER COEFFICIENT VERSUS TIME, TWO CORE SPRAY SYSTEMS PLUS ADS, AEC/NRC ASSUMPTIONS, .05-SQ FT BREAK

FIGURE 6.7.7



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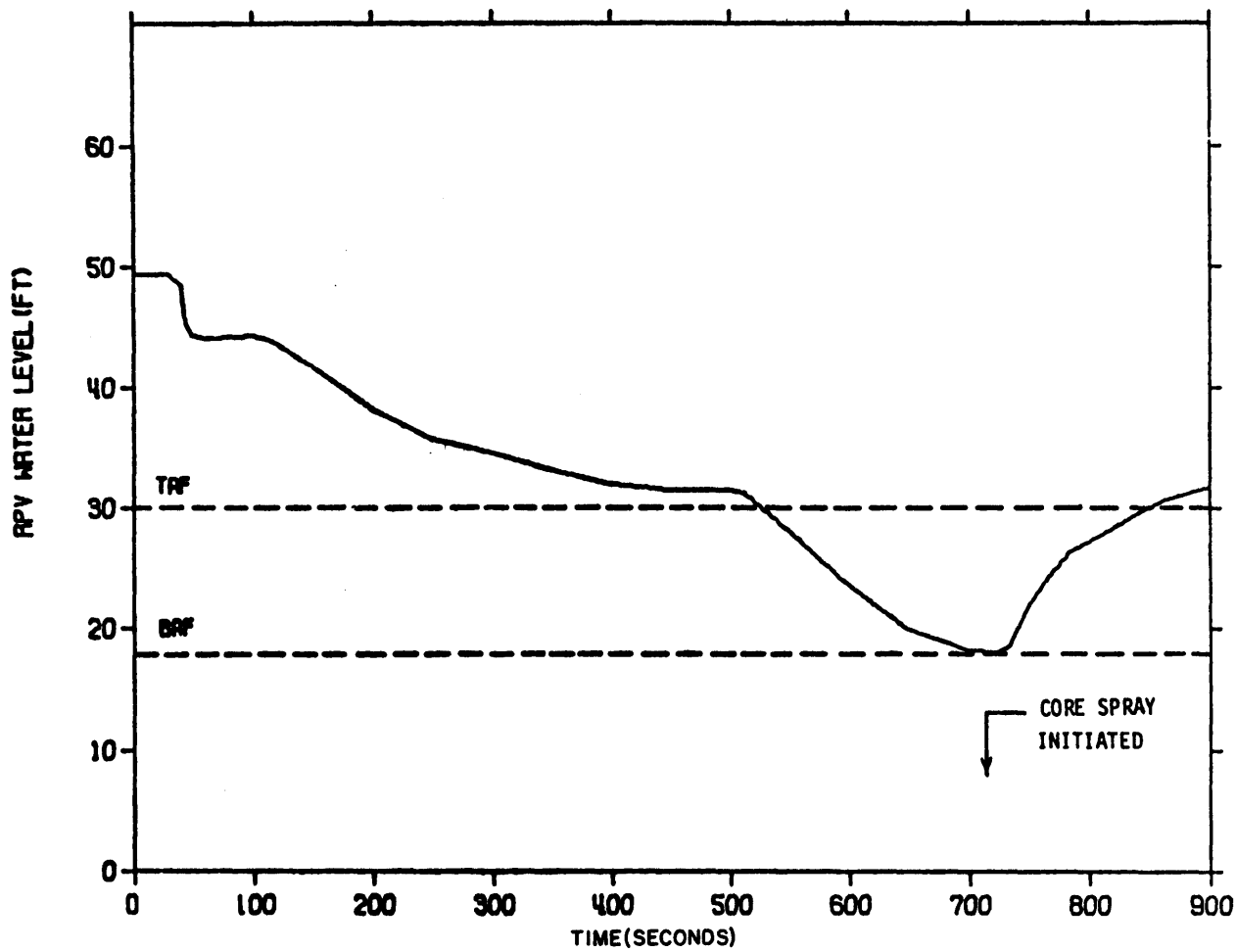
HEAT TRANSFER COEFFICIENT VERSUS TIME, TWO CORE SYSTEMS, AEC/NRC ASSUMPTIONS, DESIGN BASIS ACCIDENT

FIGURE 6.7.8



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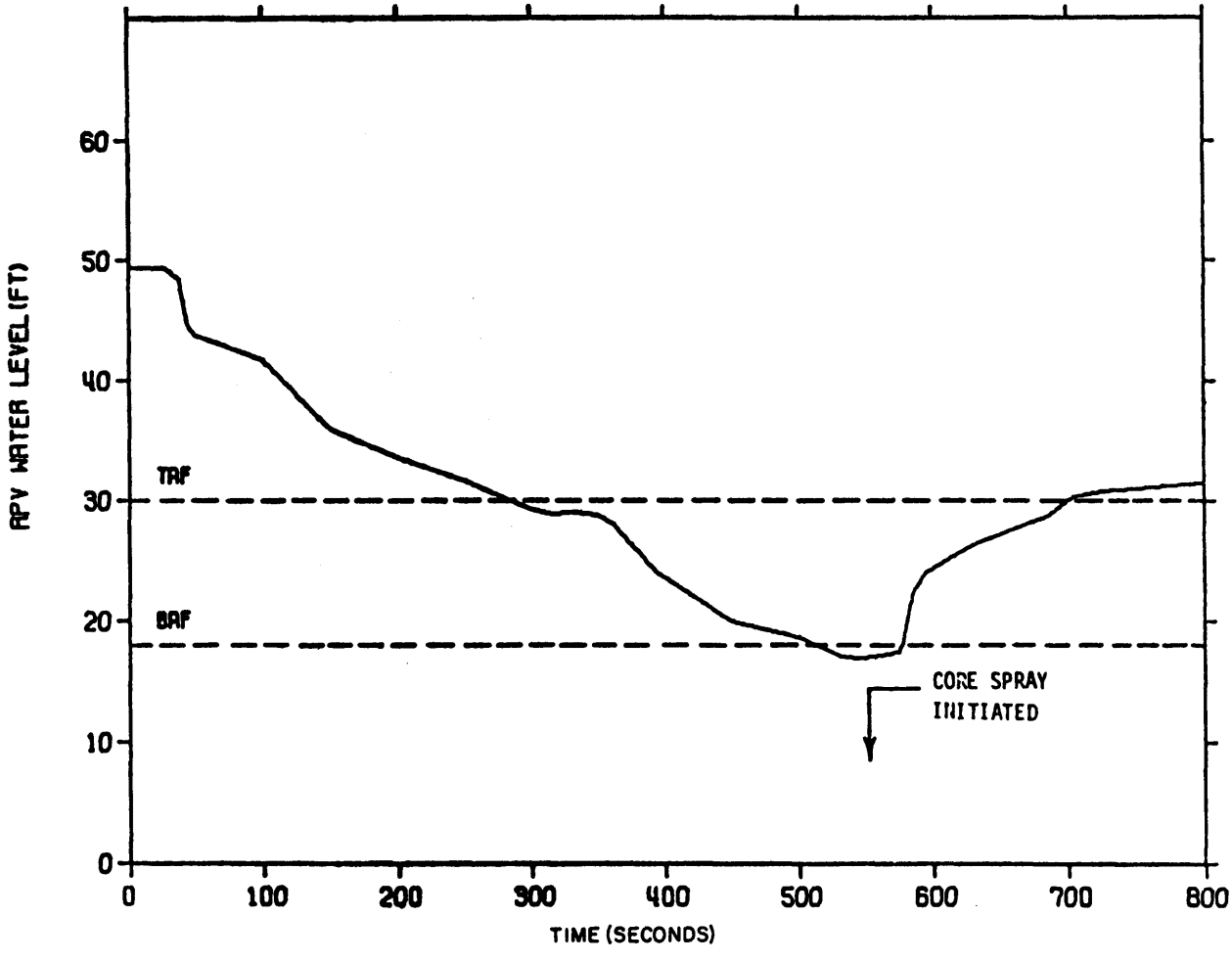
REACTOR PRESSURE VESSEL WATER LEVEL VERSUS TIME, TWO CORE SPRAY SYSTEMS PLUS ADS, AEC/NRC ASSUMPTIONS, .02-SQ FT BREAK

FIGURE 6.7.9



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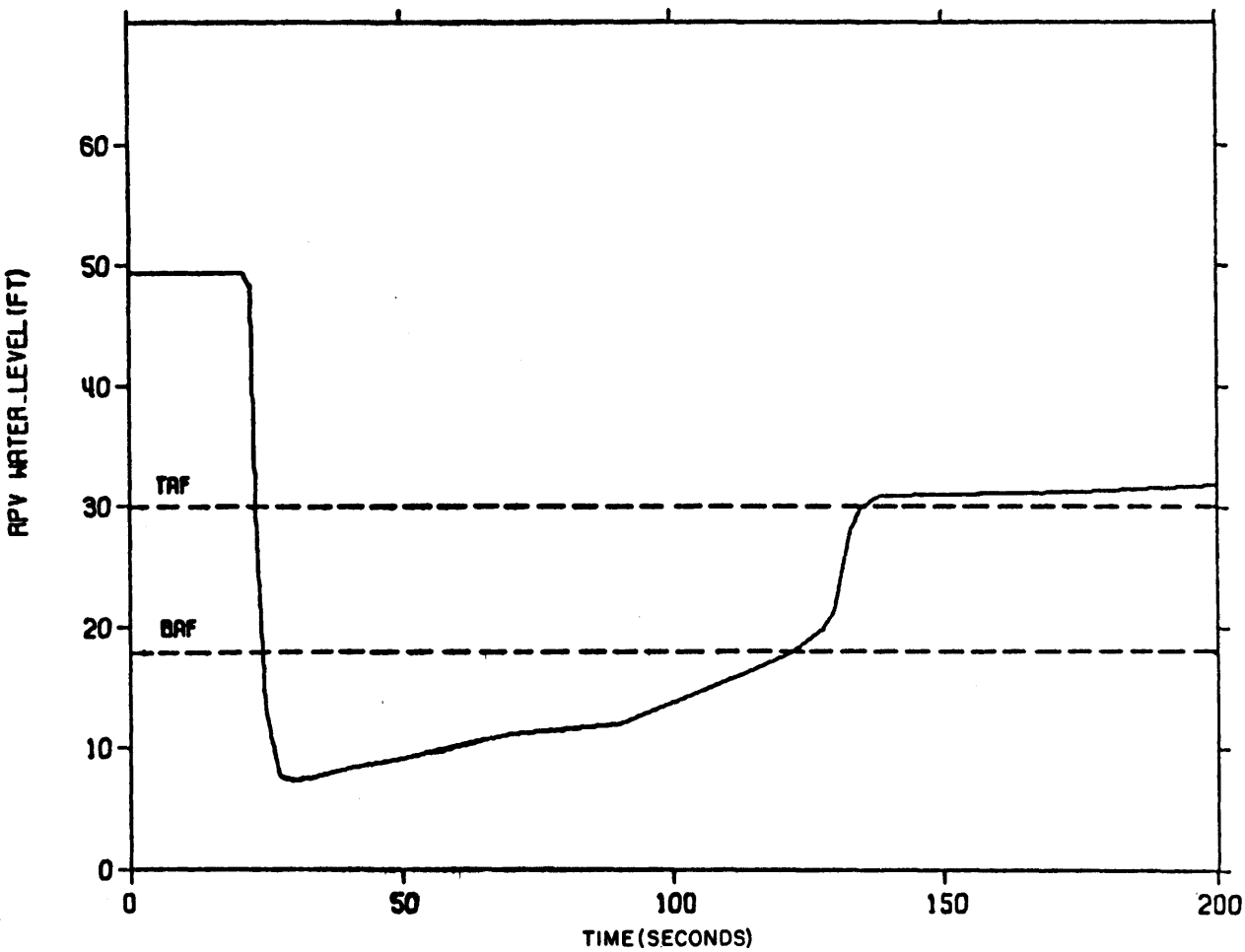
REACTOR PRESSURE VESSEL WATER LEVEL VERSUS TIME, TWO CORE SPRAY SYSTEMS PLUS ADS, AEC/NRC ASSUMPTIONS, .05-SQ FT BREAK

FIGURE 6.7.10



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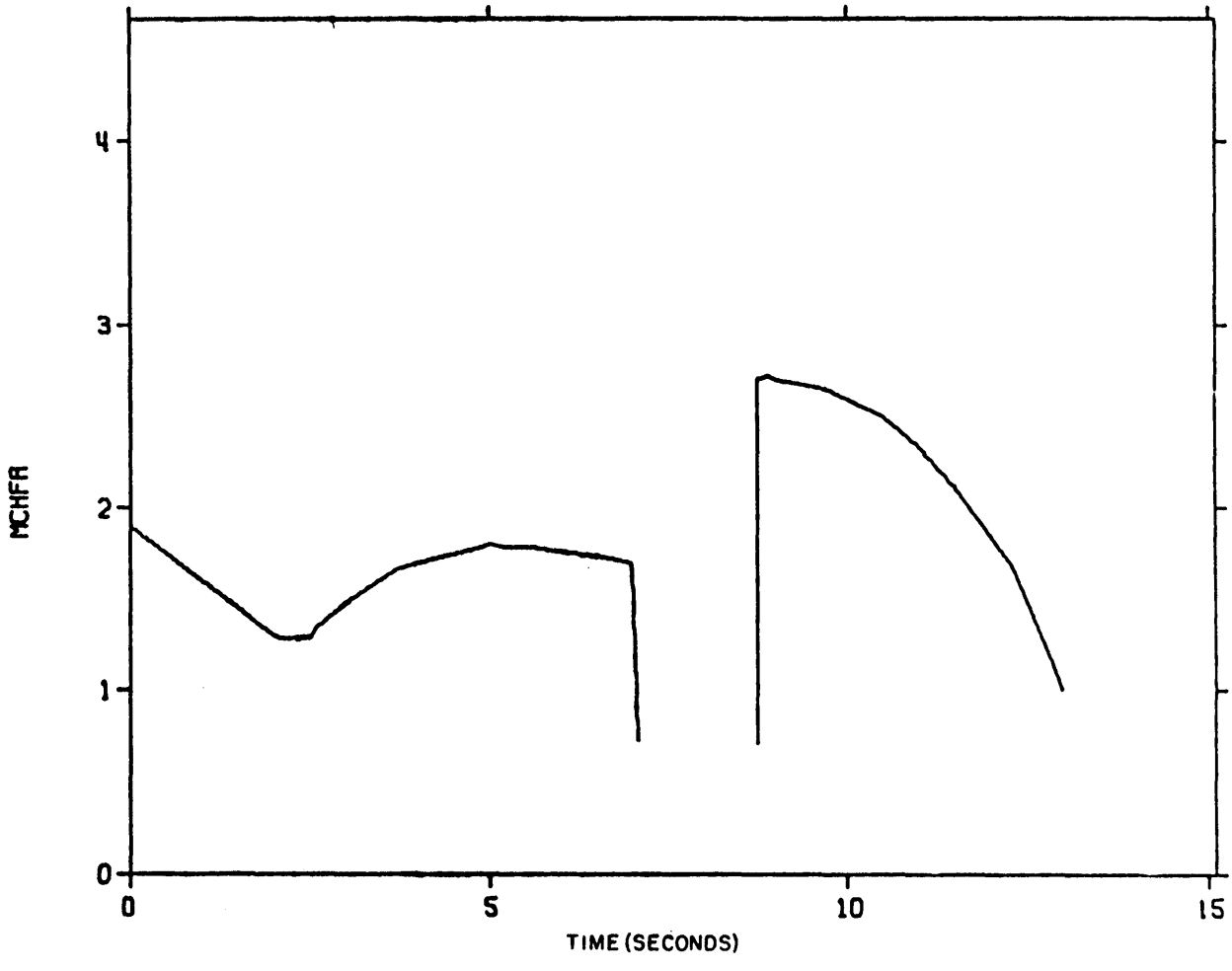
REACTOR PRESSURE VESSEL WATER LEVEL VERSUS TIME, TWO CORE SPRAY SYSTEMS, AEC/NRC ASSUMPTIONS, DESIGN BASIS ACCIDENT

FIGURE 6.7.11



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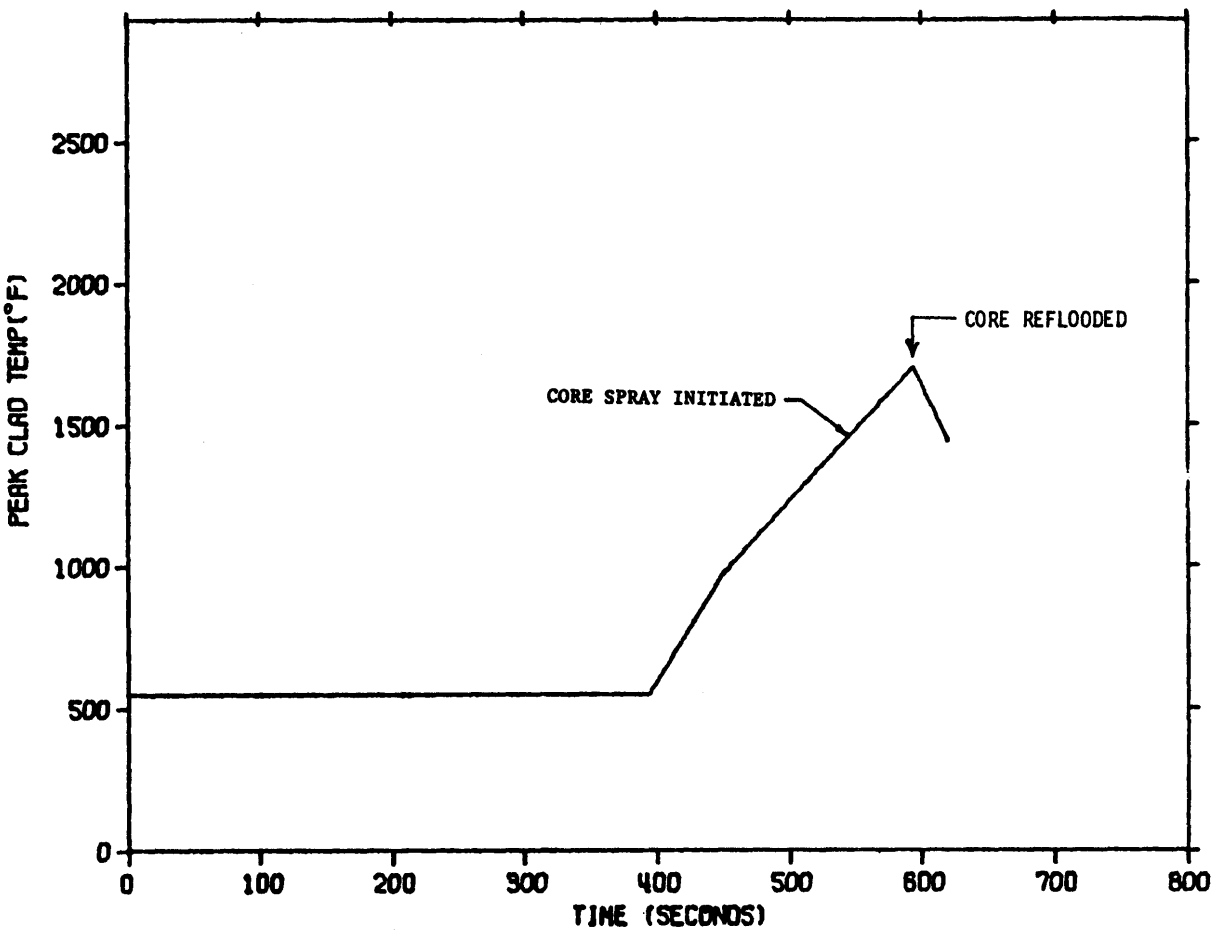
MINIMUM CRITICAL HEAT FLUX RATIO VERSUS TIME FOLLOWING A DESIGN BASIS ACCIDENT

FIGURE 6.7.12



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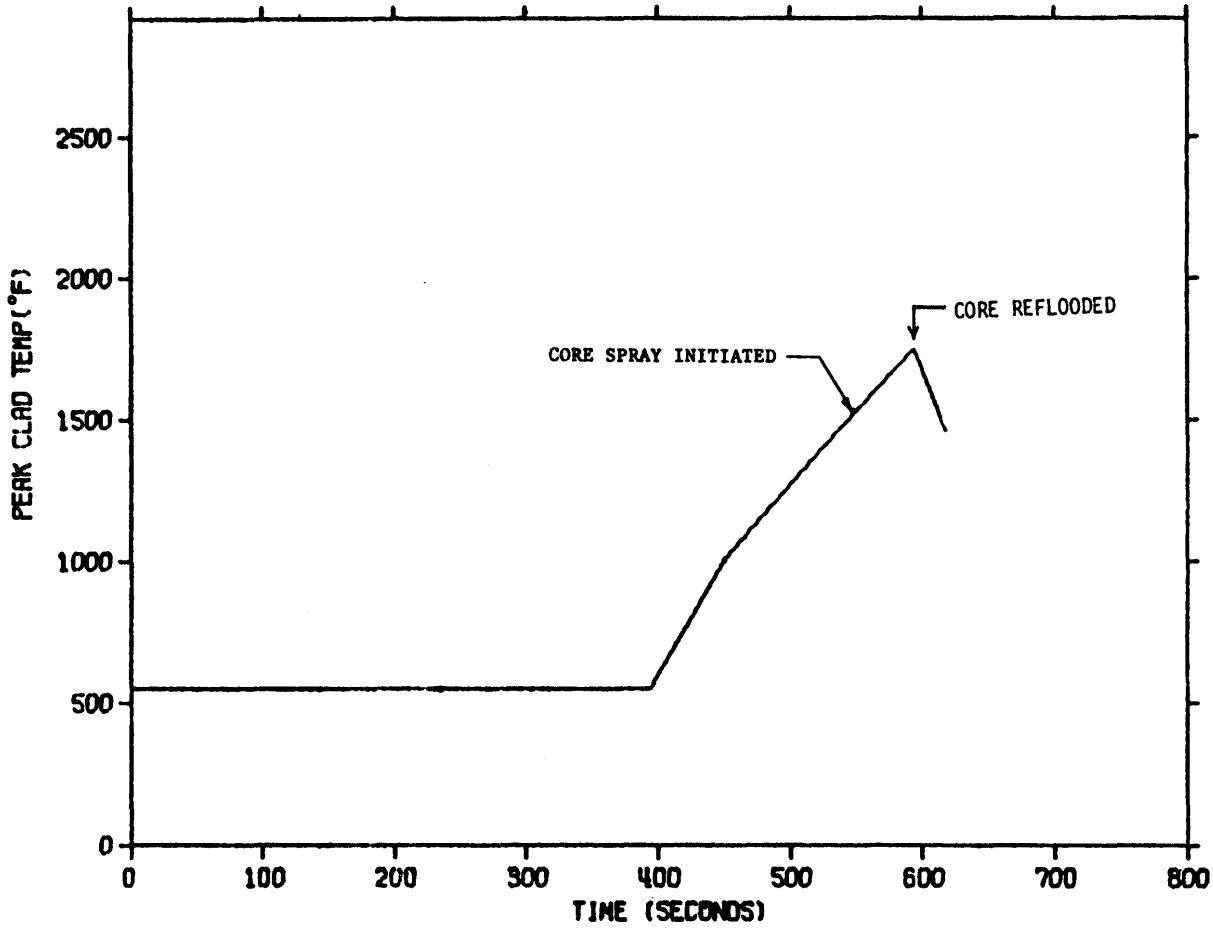
PEAK CLAD TEMPERATURE VERSUS TIME, 1,000 MWd/T EXPOSURE, TWO CORE SPRAY SYSTEMS, AEC/NRC ASSUMPTIONS, .05-SQ FT BREAK

FIGURE 6.7.13



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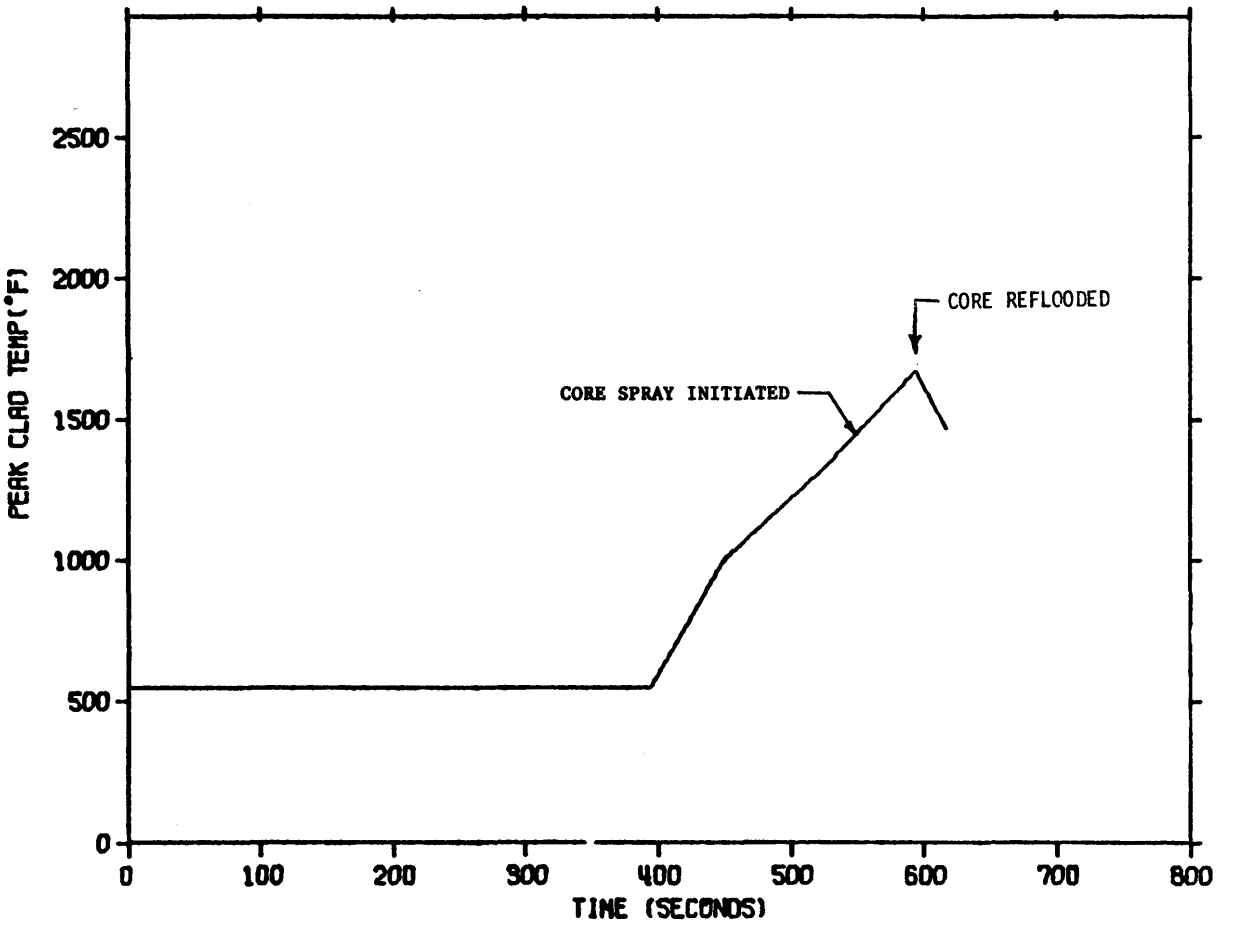
PEAK CLAD TEMPERATURE VERSUS TIME, 10,000 MWd/T EXPOSURE, TWO CORE SPRAY SYSTEMS, AEC/NRC ASSUMPTIONS, .05-SQ FT BREAK

FIGURE 6.7.14



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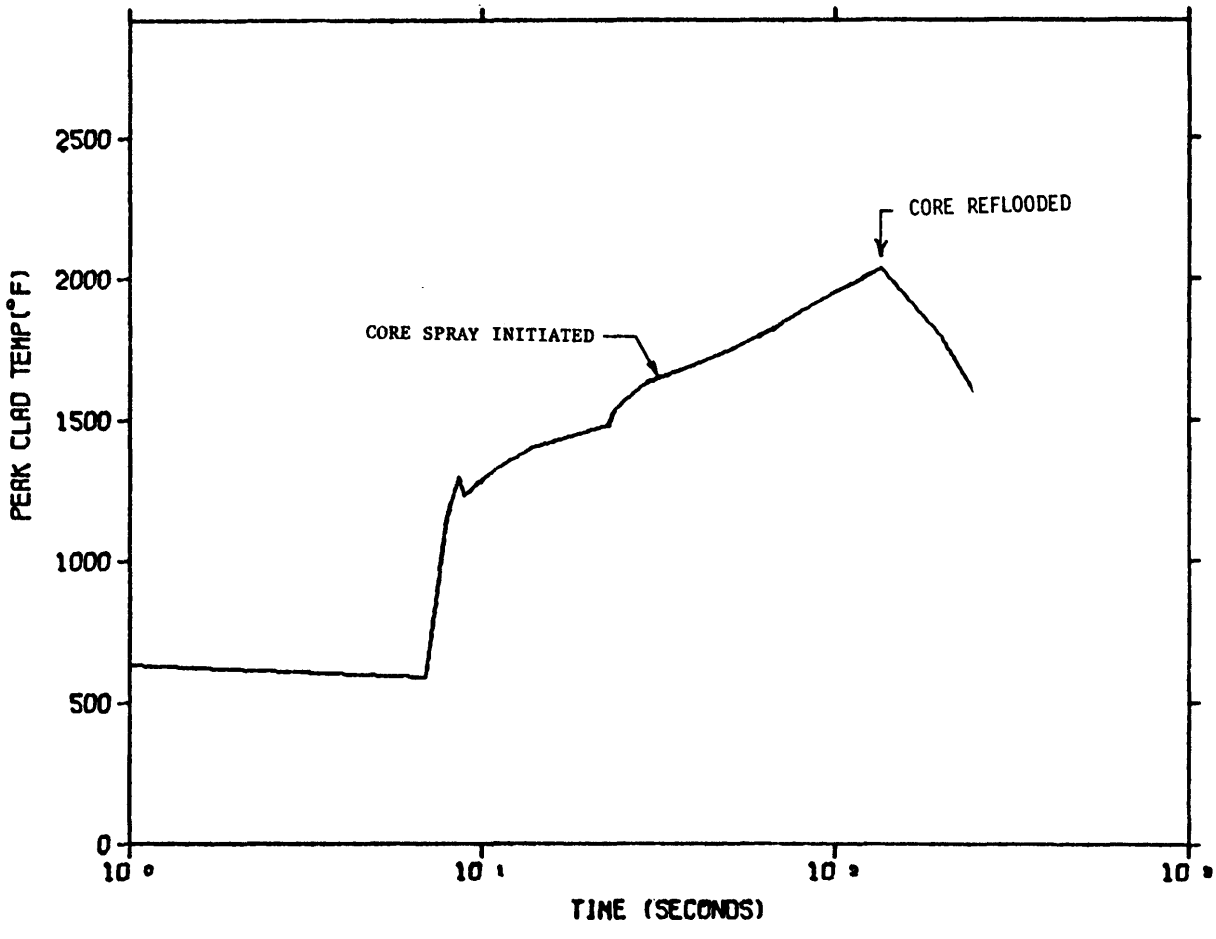
PEAK CLAD TEMPERATURE VERSUS TIME, 25,000 MWd/T EXPOSURE, TWO CORE SPRAY SYSTEMS, AEC/NRC ASSUMPTIONS, .05-SQ FT BREAK

FIGURE 6.7.15



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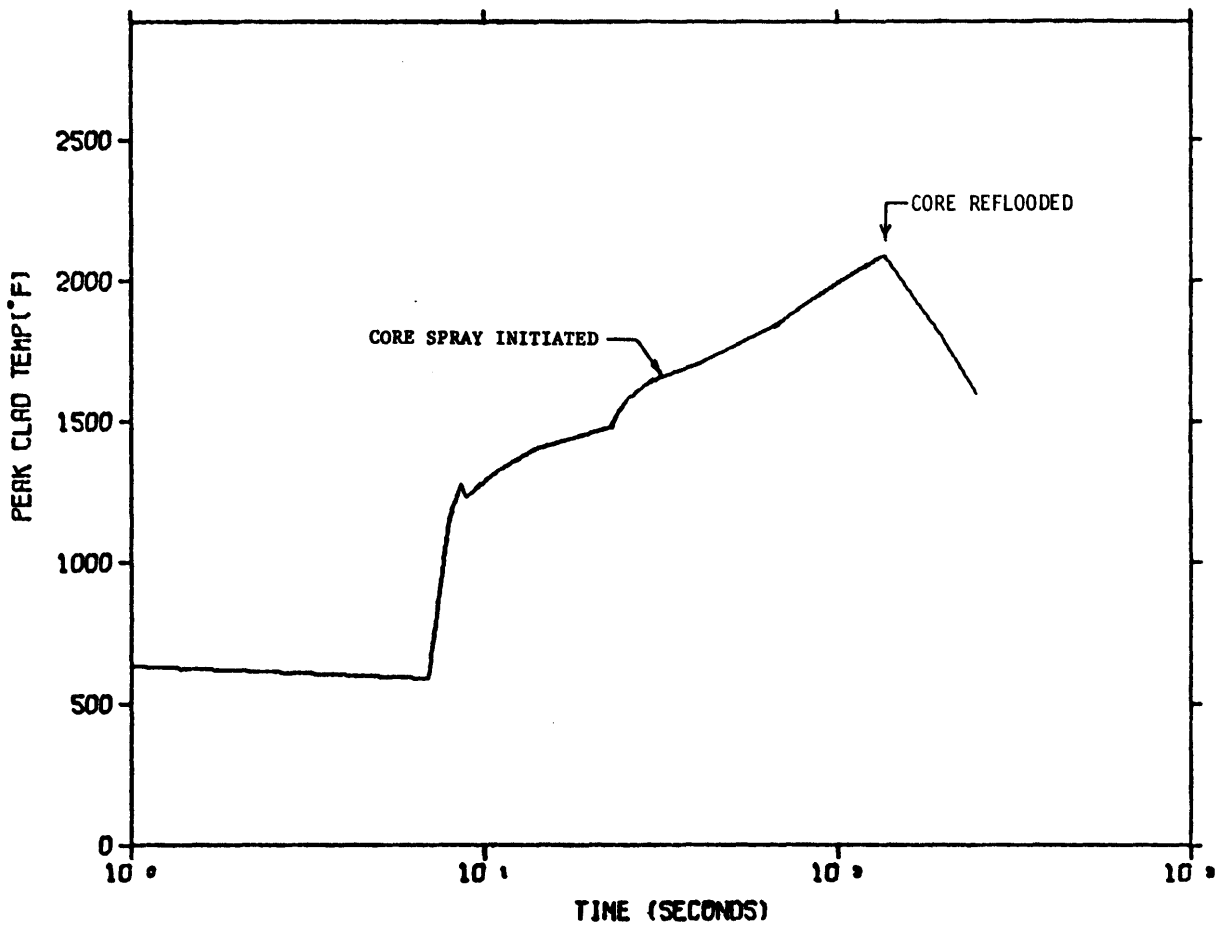
PEAK CLAD TEMPERATURE VERSUS TIME, 1,000 MWd/T EXPOSURE, TWO CORE SPRAY SYSTEMS, AEC/NRC ASSUMPTIONS, DESIGN BASIS ACCIDENT

FIGURE 6.7.16



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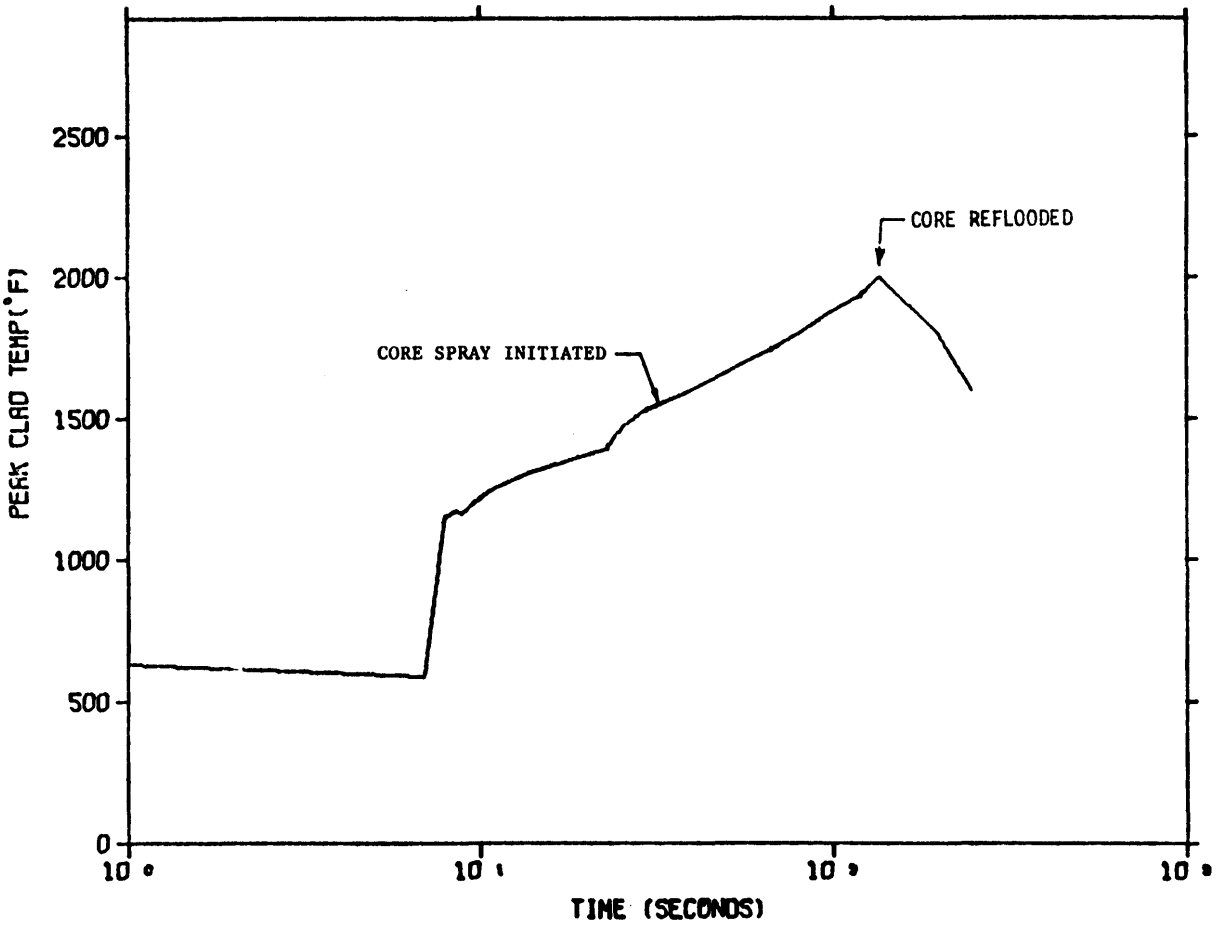
PEAK CLAD TEMPERATURE VERSUS TIME, 10,000 MWd/T EXPOSURE, TWO CORE SPRAY SYSTEMS, AEC/NRC ASSUMPTIONS, DESIGN BASIS ACCIDENT

FIGURE 6.7.17



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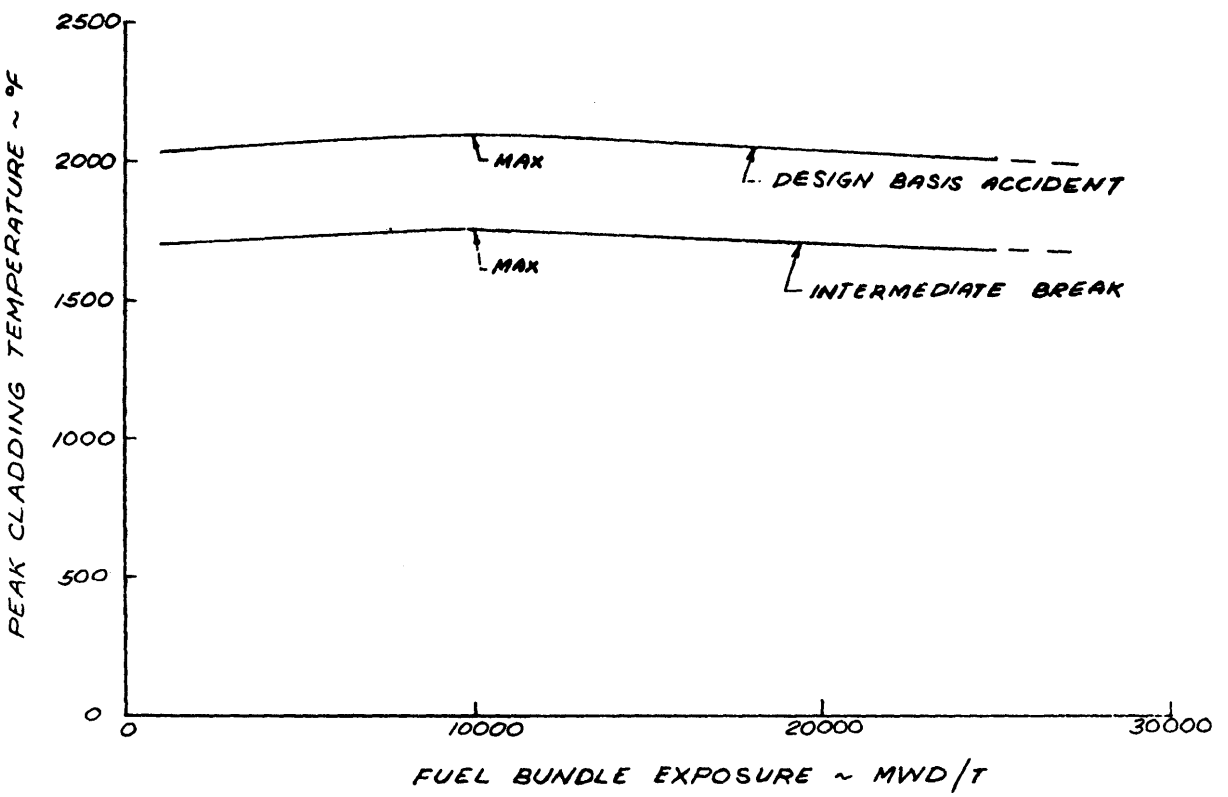
PEAK CLAD TEMPERATURE VERSUS TIME, 25,000 MWd/T EXPOSURE, TWO CORE SPRAY SYSTEMS, AEC/NRC ASSUMPTIONS, DESIGN BASIS ACCIDENT

FIGURE 6.7.18



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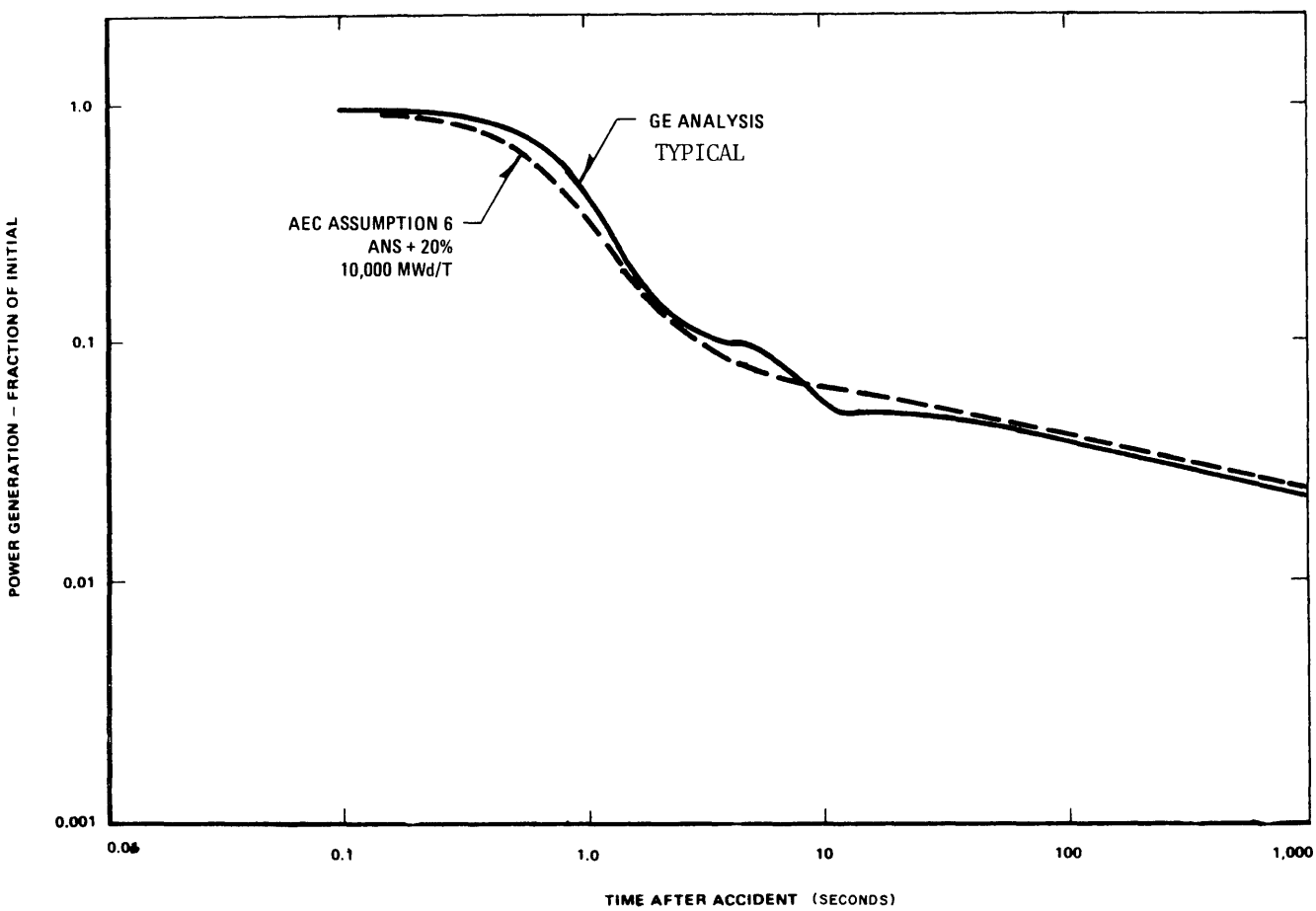
PEAKING FACTOR STUDY, EFFECT OF EXPOSURE ON MAXIMUM CLADDING TEMPERATURE FOR PEACH BOTTOM UNITS 2 AND 3

FIGURE 6.7.18a



POWER GENERATION FOLLOWING A DESIGN BASIS LOCA ACCIDENT

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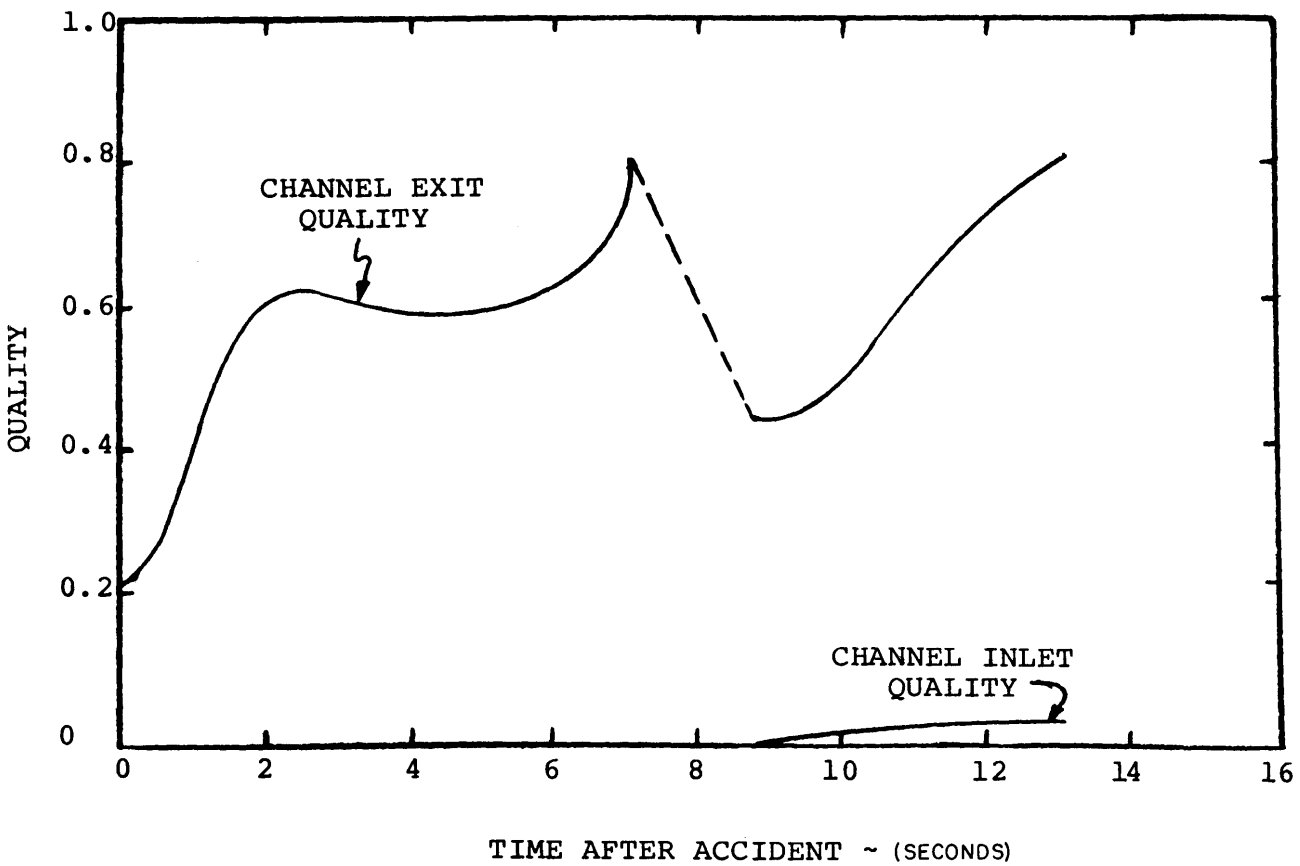
POWER GENERATION FOLLOWING A DESIGN BASIS LOCA

FIGURE 6.7.19



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QUALITY VERSUS TIME FOR THE DESIGN BASIS ACCIDENT

FIGURE 6.7.20