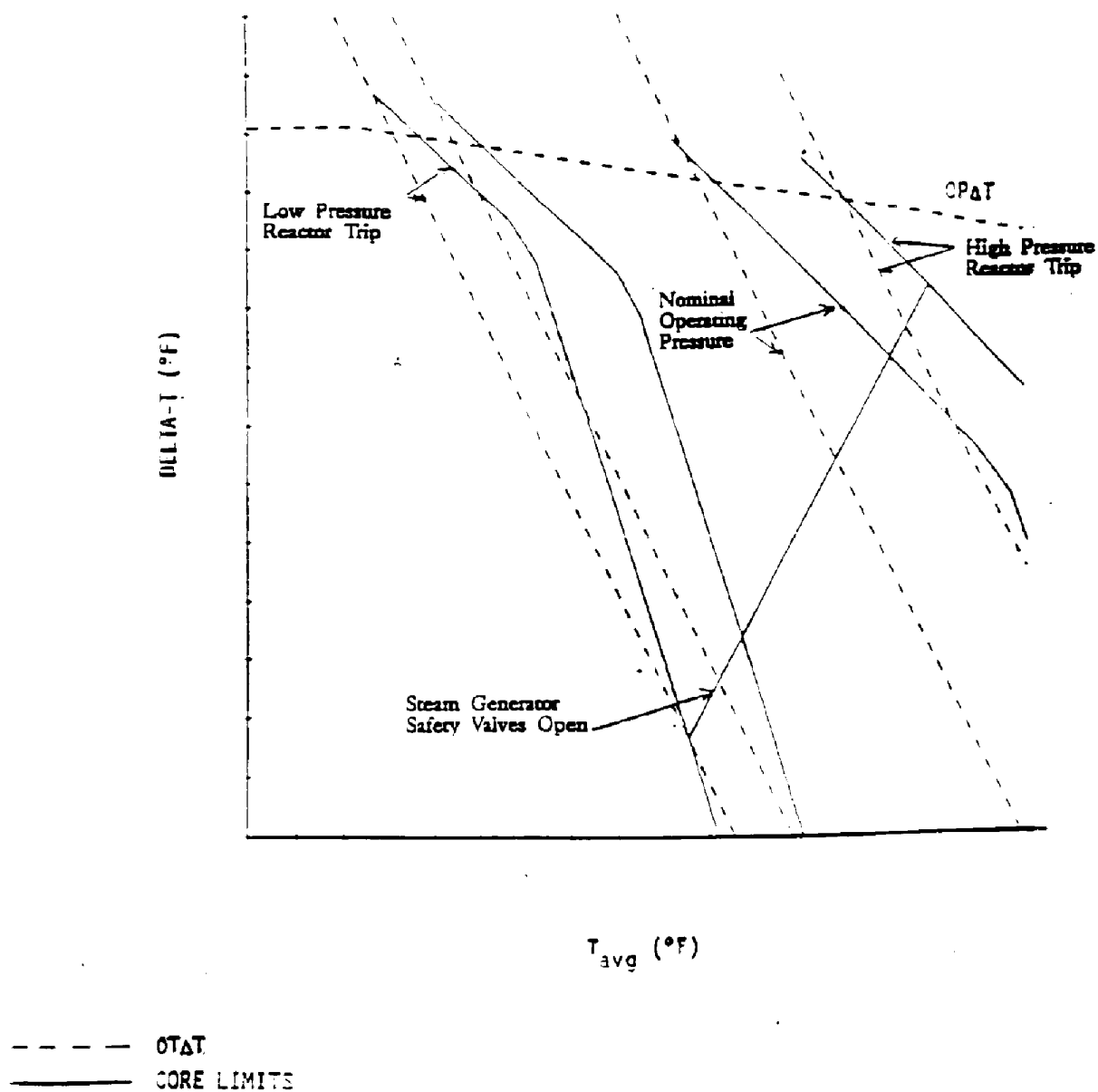


## Appendix 15B. Figures

Figure 15-1. Illustration of Overtemperature and Overpower  $\Delta T$  Protection

**Figure 15-2. Deleted Per 1998 Update.**

**Figure 15-3. Deleted Per 1998 Update.**

**Figure 15-4. Deleted Per 1998 Update.**

**Figure 15-5. Deleted Per 1998 Update.**

**Figure 15-6. Deleted Per 1998 Update.**

Figure 15-7. Excessive Increase in Feedwater Flow

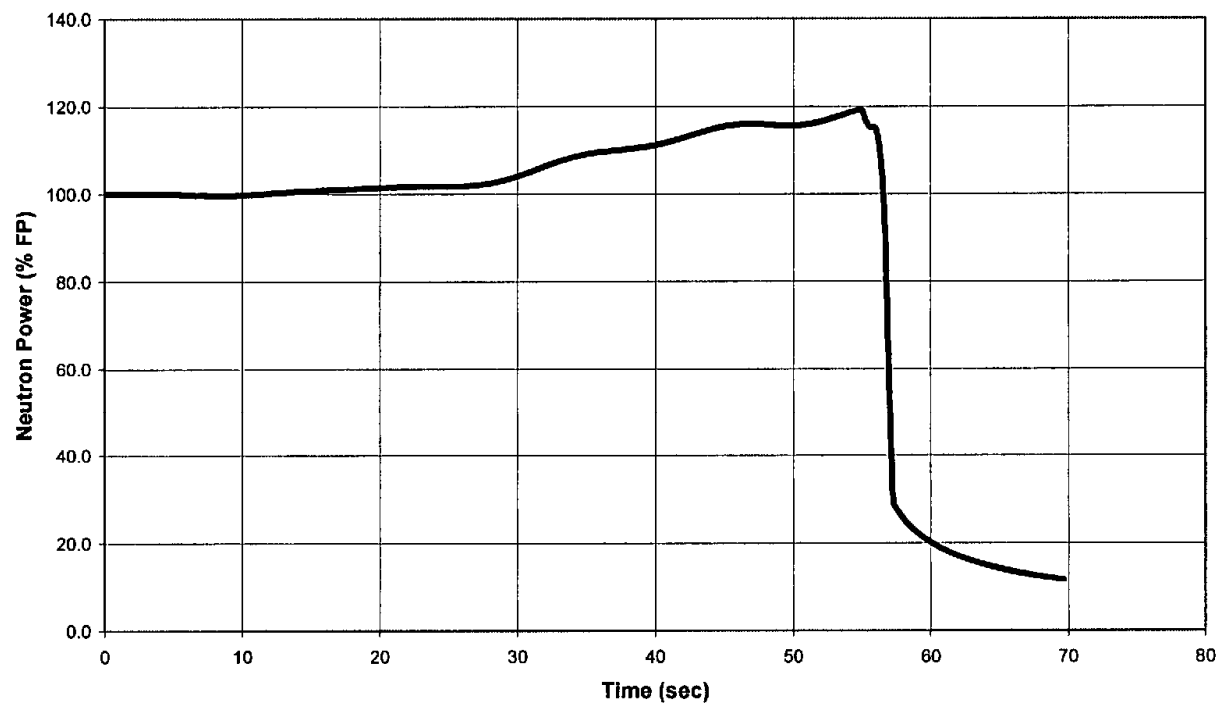
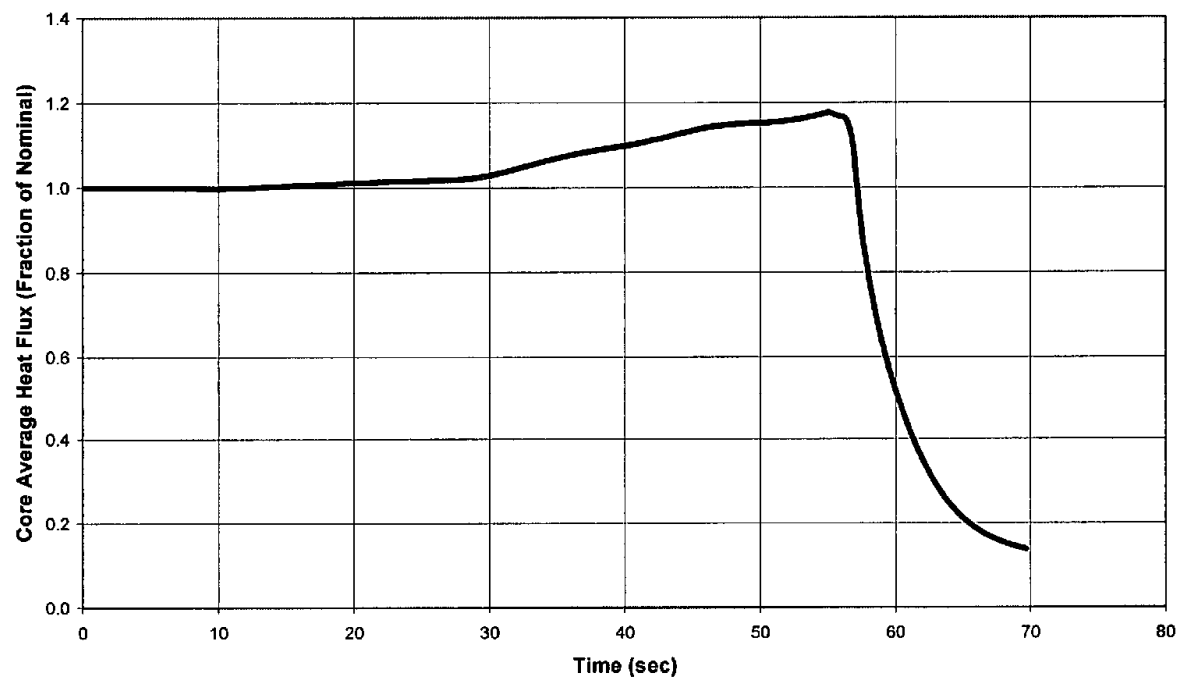
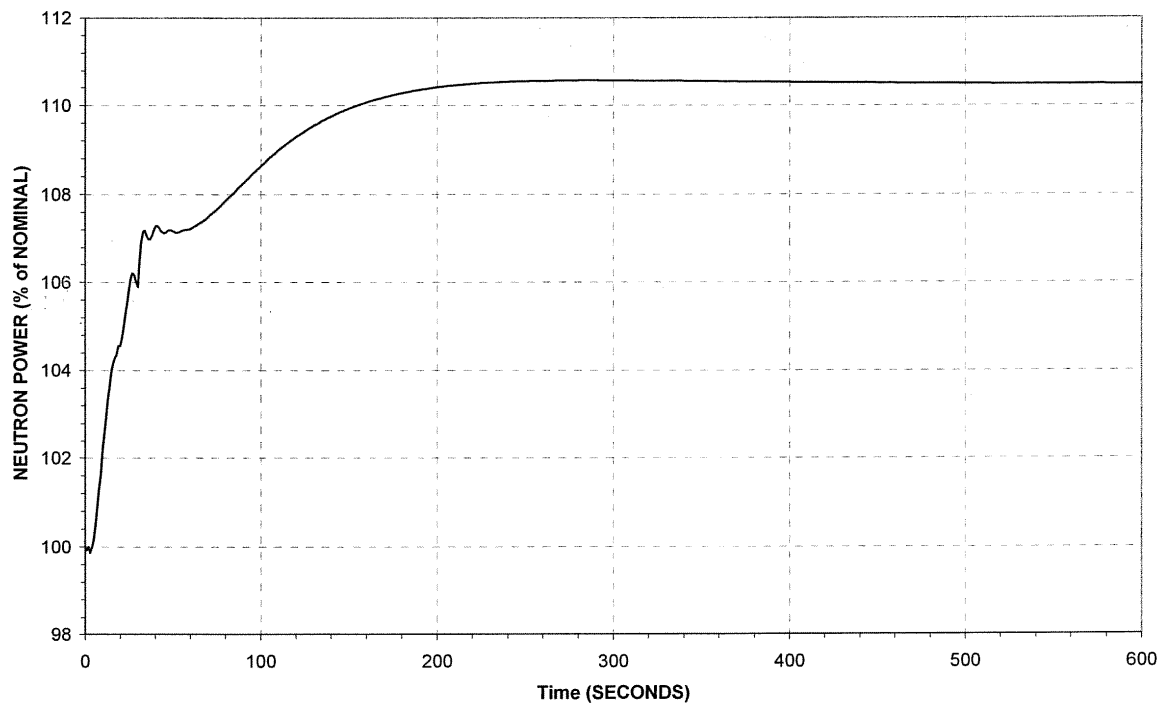




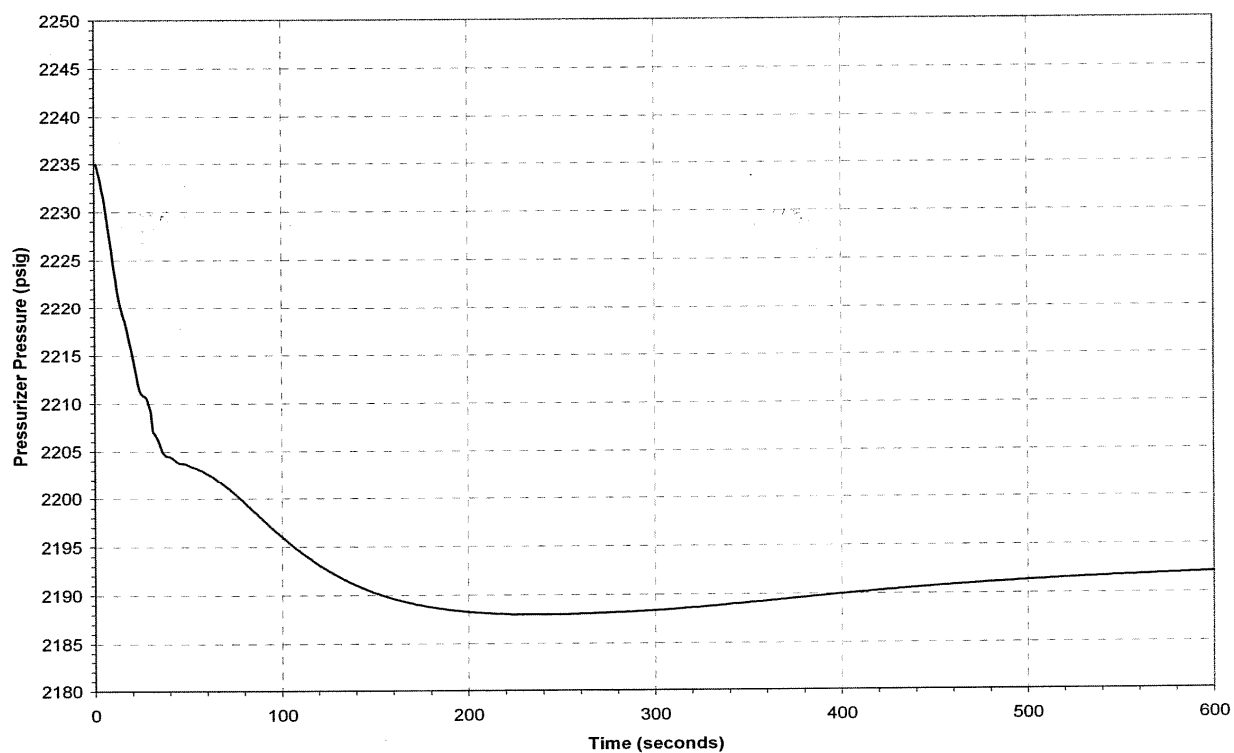
Figure 15-8. Excessive Increase in Feedwater Flow



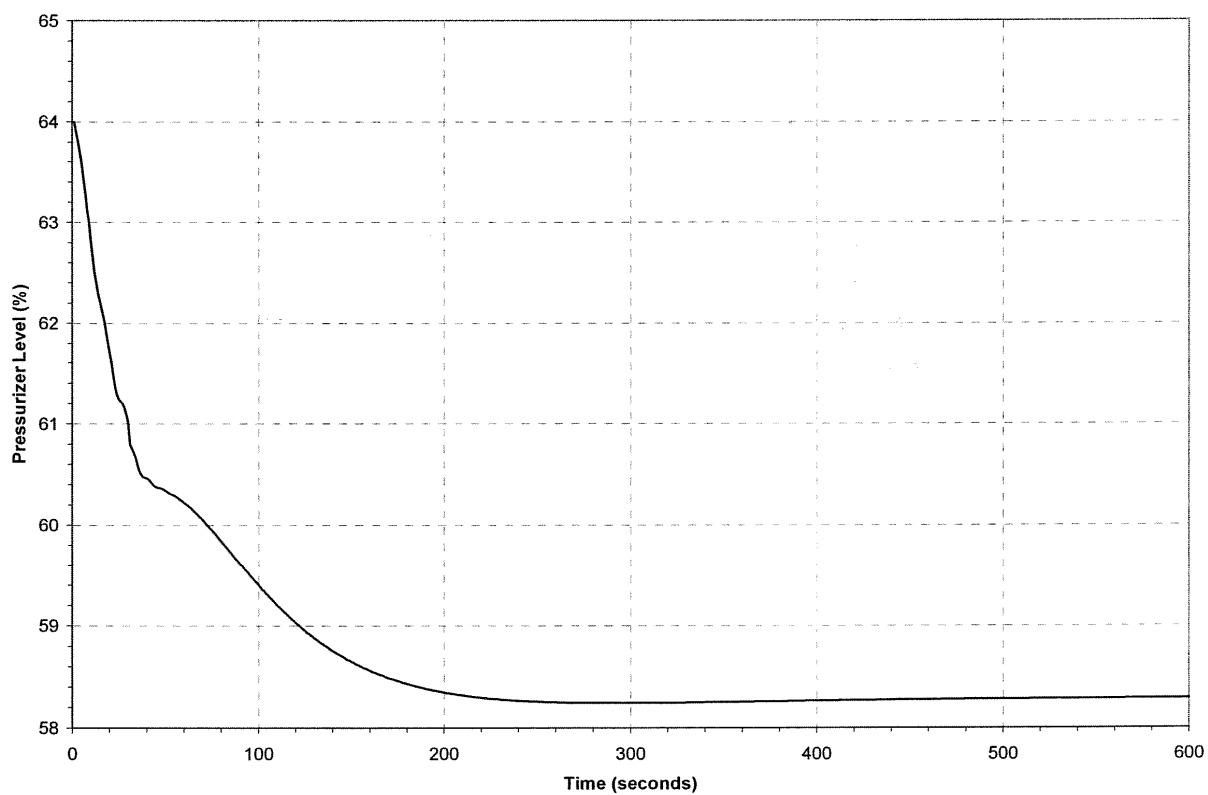
**Figure 15-9. Ten Percent Step Load Increase, Minimum Reactivity Feedback, Manual Reactor Control**



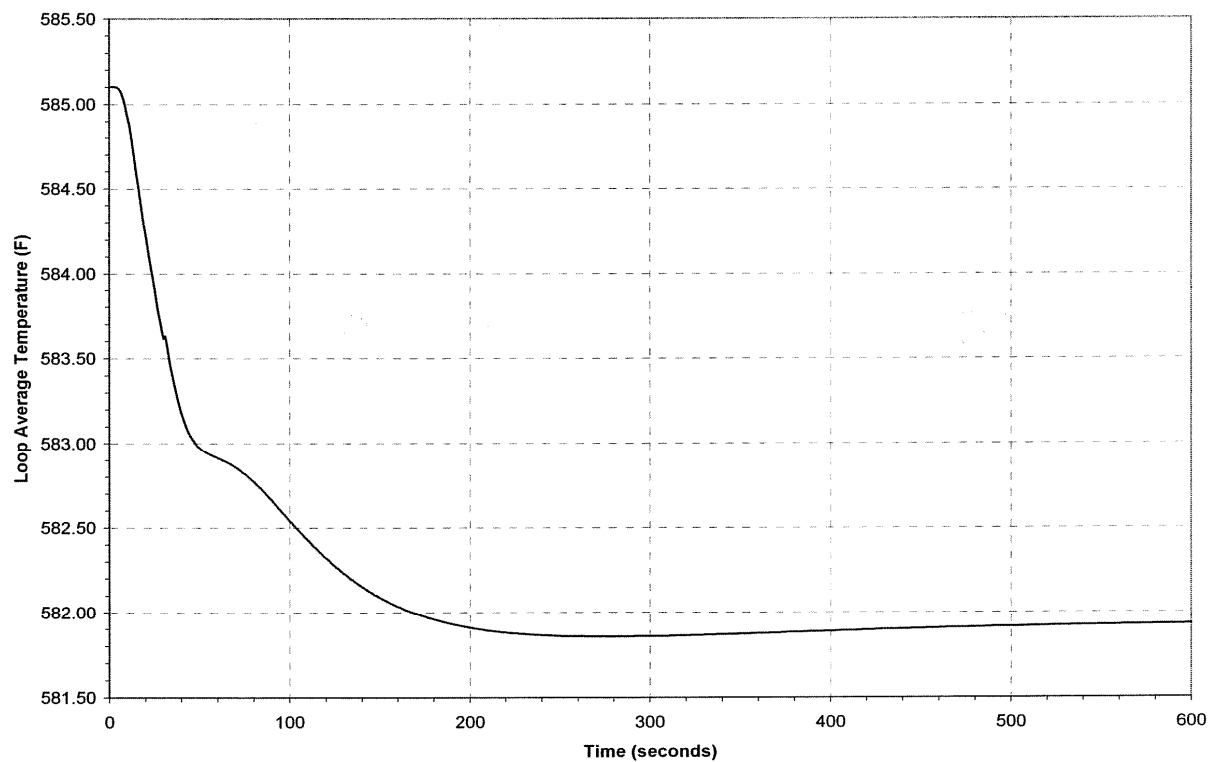
**Figure 15-10. Ten Percent Step Load Increase, Minimum Reactivity Feedback, Manual Reactor Control**



**Figure 15-11. Ten Percent Step Load Increase, Maximum Reactivity Feedback, Manual Reactor Control**



**Figure 15-12. Ten Percent Step Load Increase, Maximum Reactivity Feedback, Manual Reactor Control**



**Figure 15-13. Deleted Per 1998 Update**

**Figure 15-14. Deleted Per 1998 Update**

**Figure 15-15. Deleted Per 1998 Update**

**Figure 15-16. Deleted Per 1998 Update**

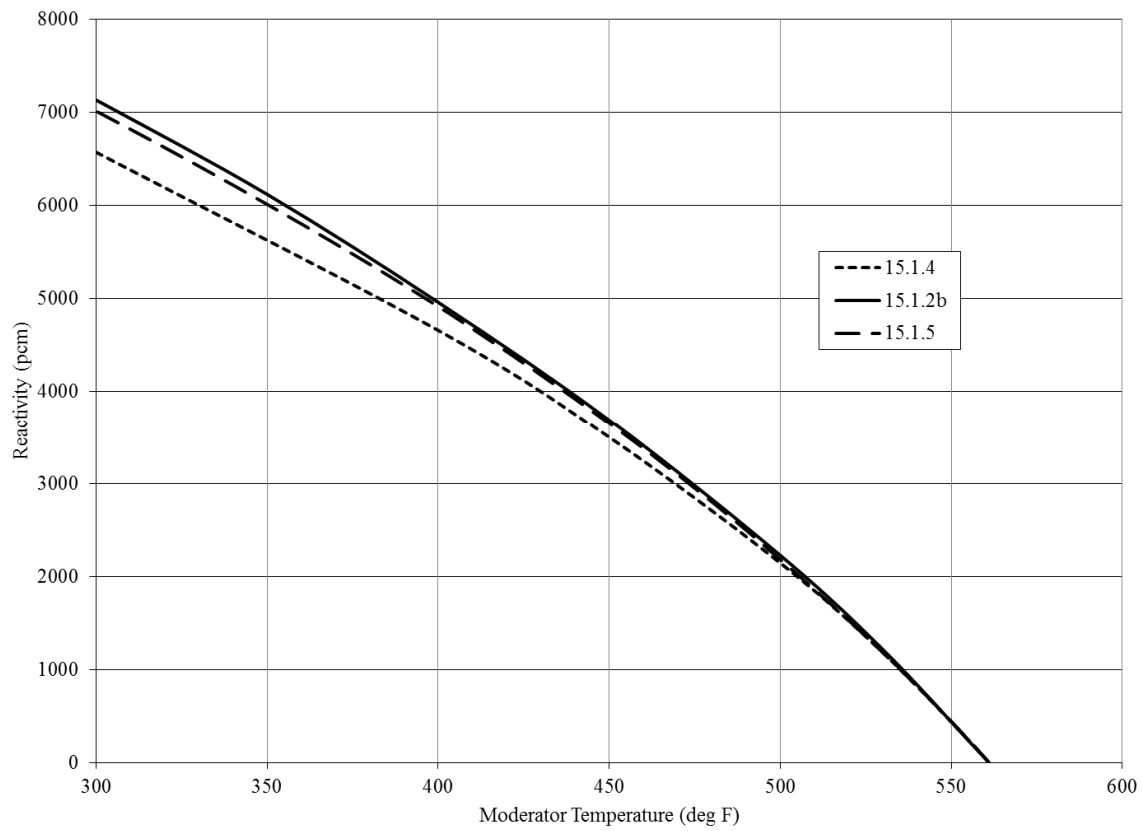
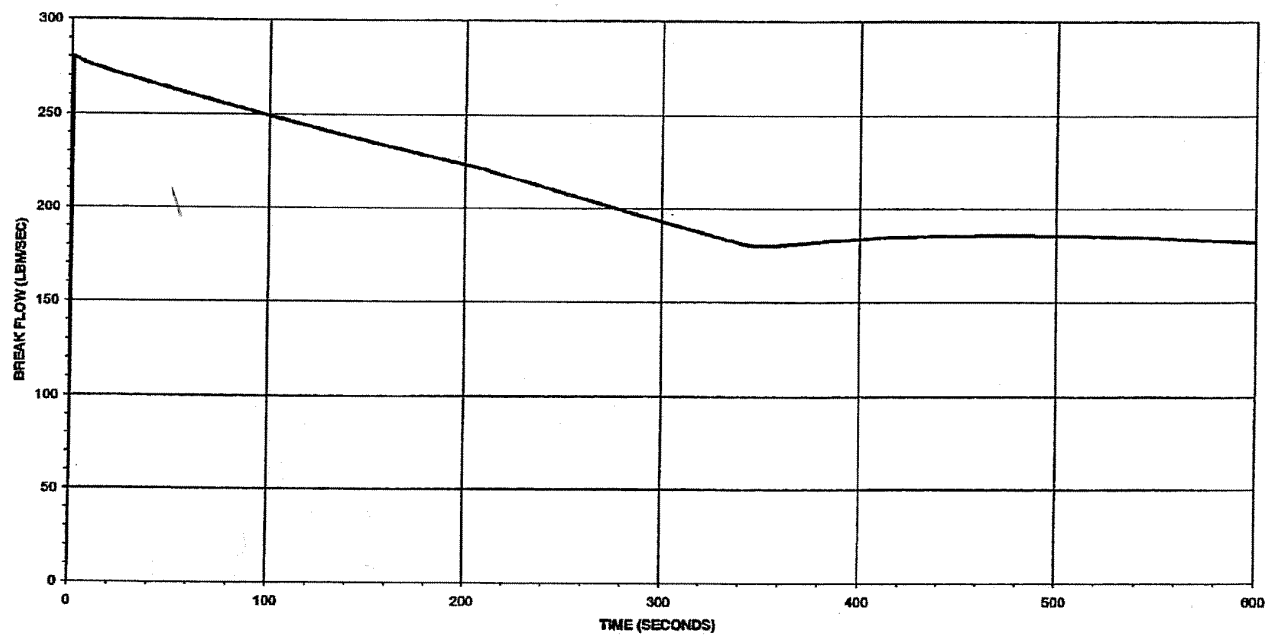
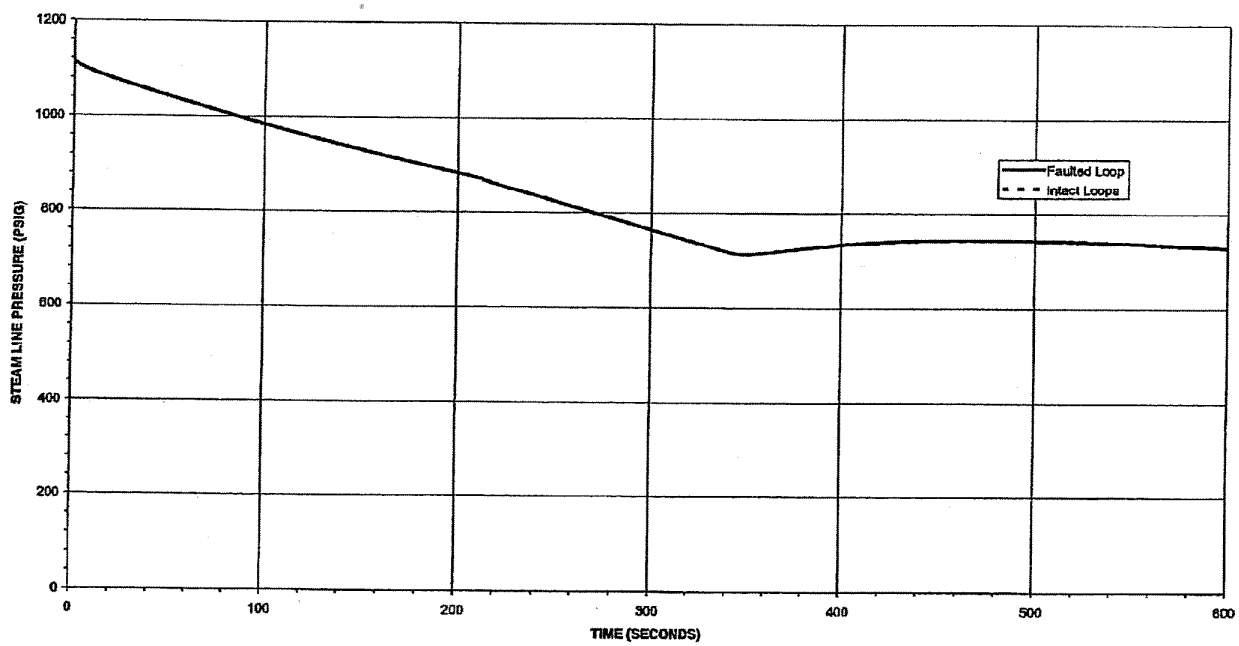
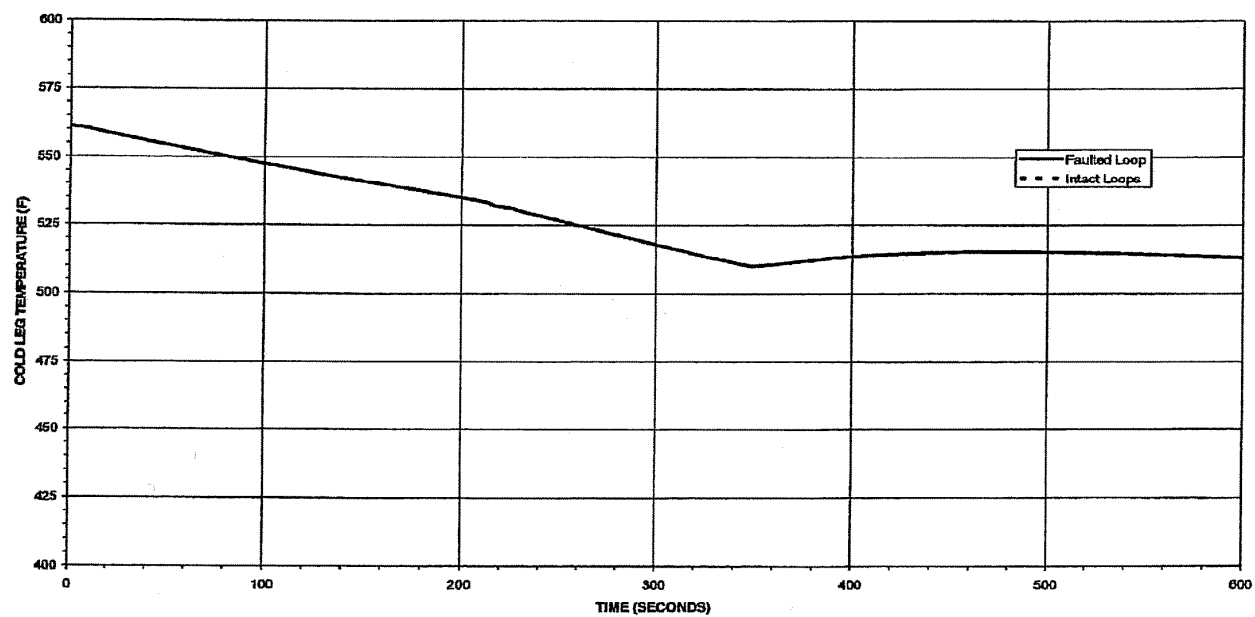
**Figure 15-17. Reactivity Versus Moderator Temperature**

Figure 15-18. Failure of a Steam Generator Safety or Dump Valve









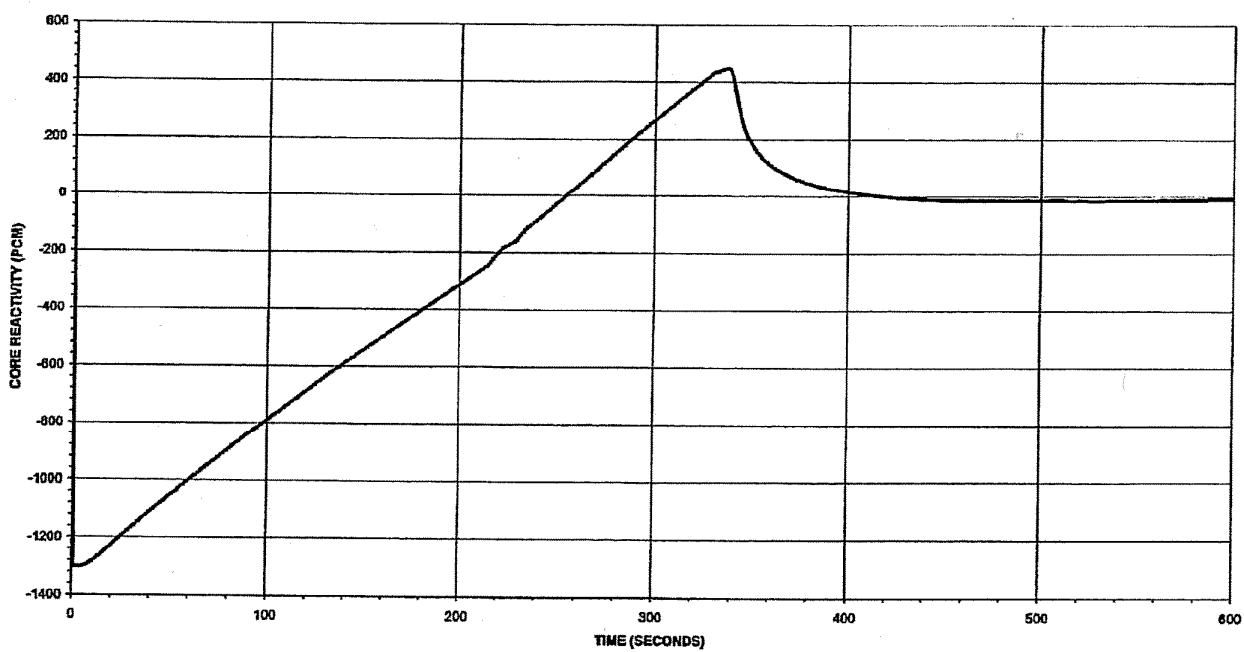
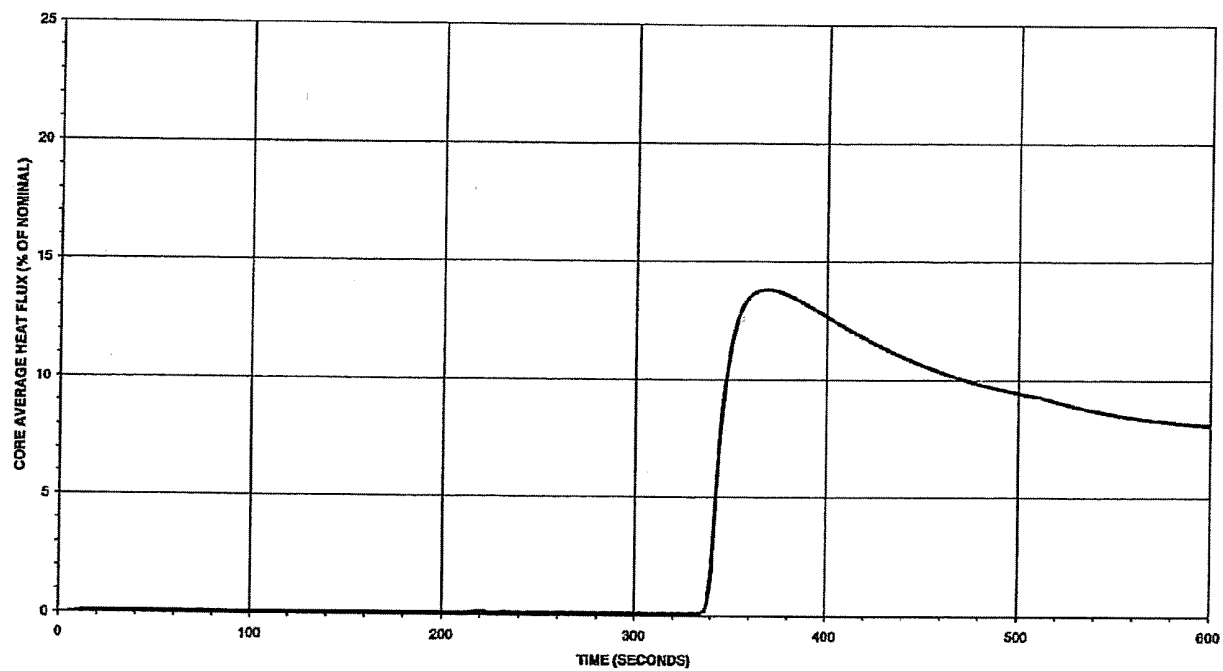
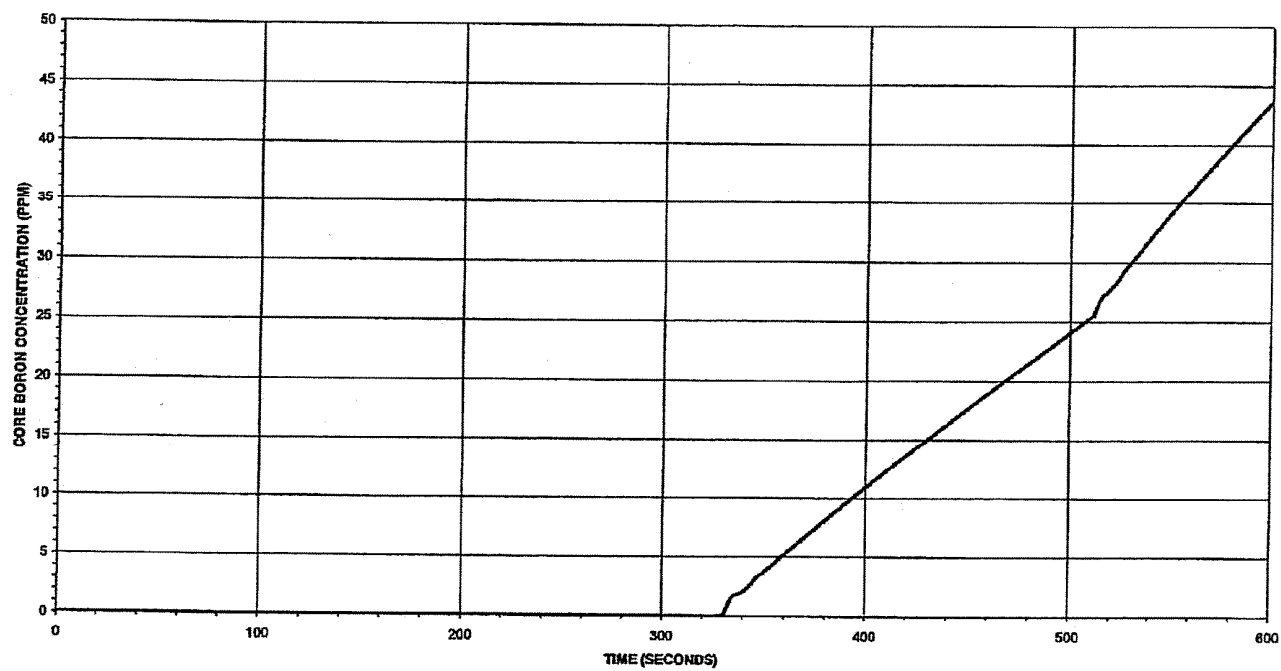
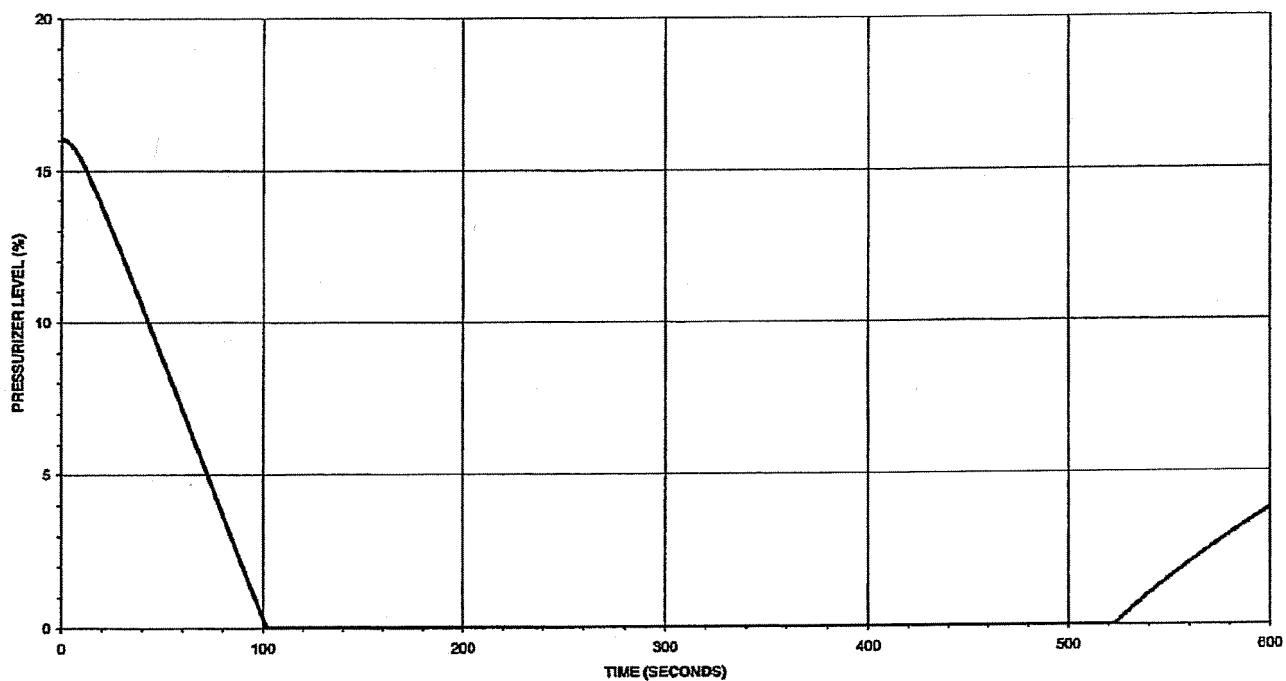
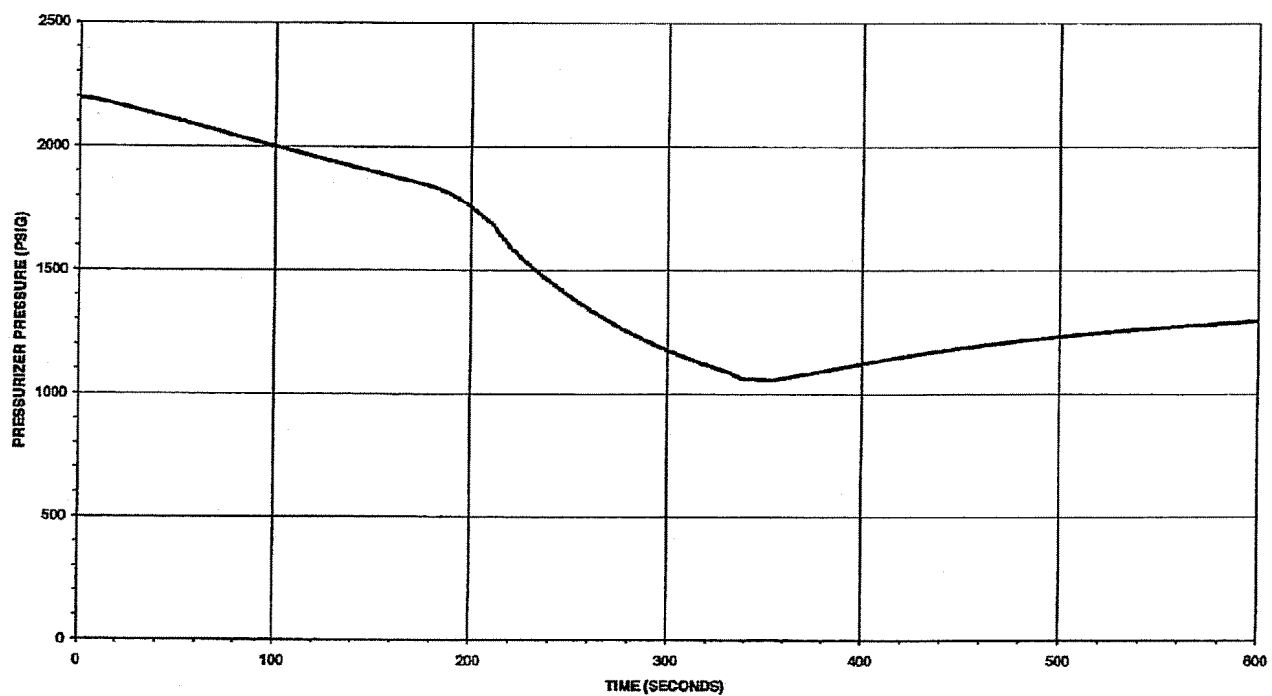


Figure 15-19. Failure of a Steam Generator Safety or Dump Valve



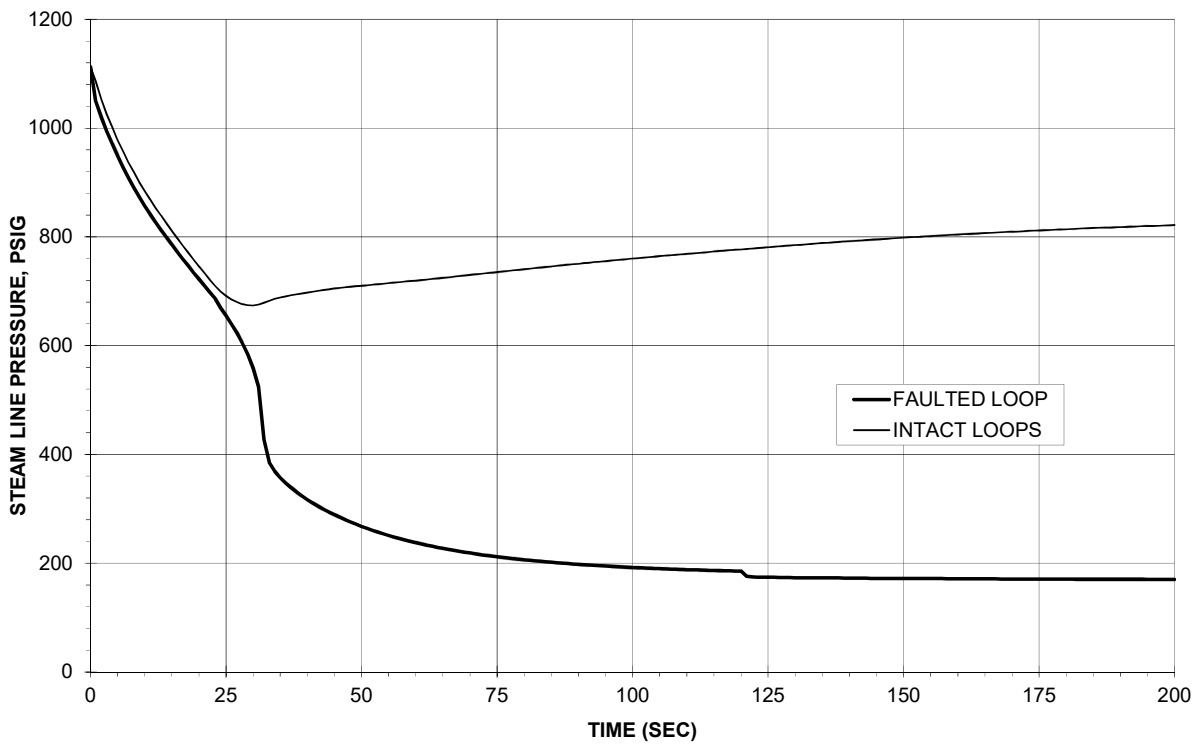


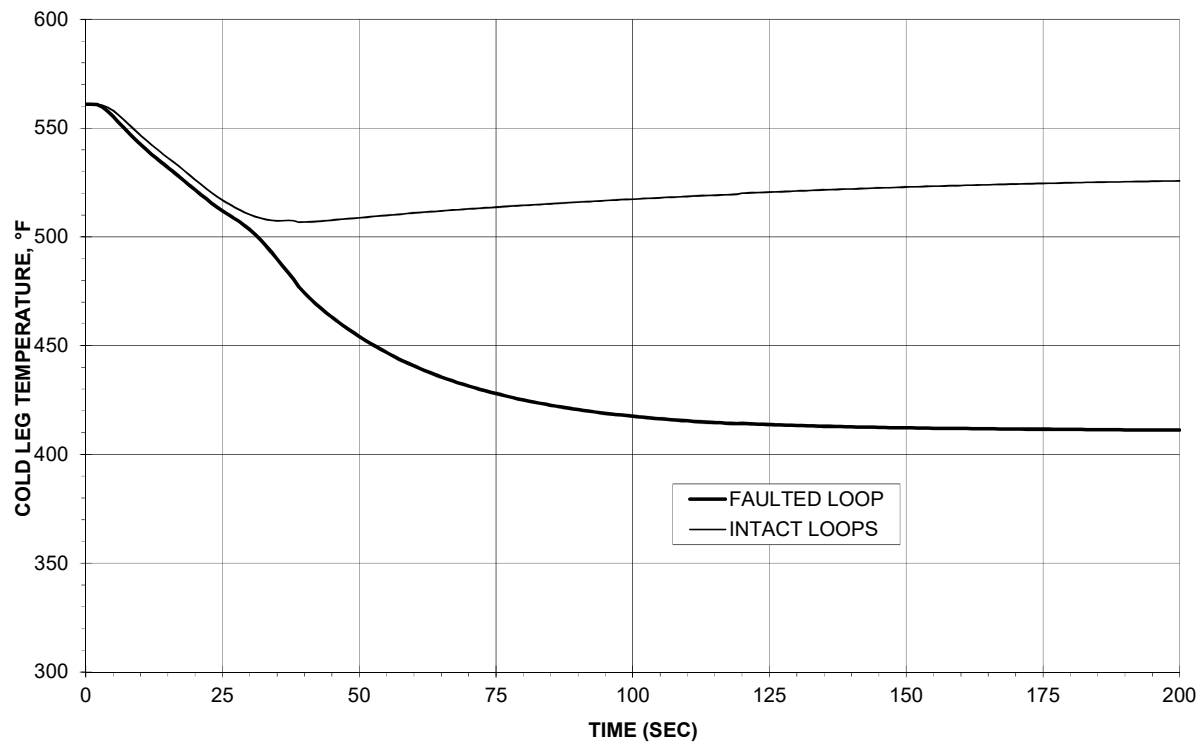


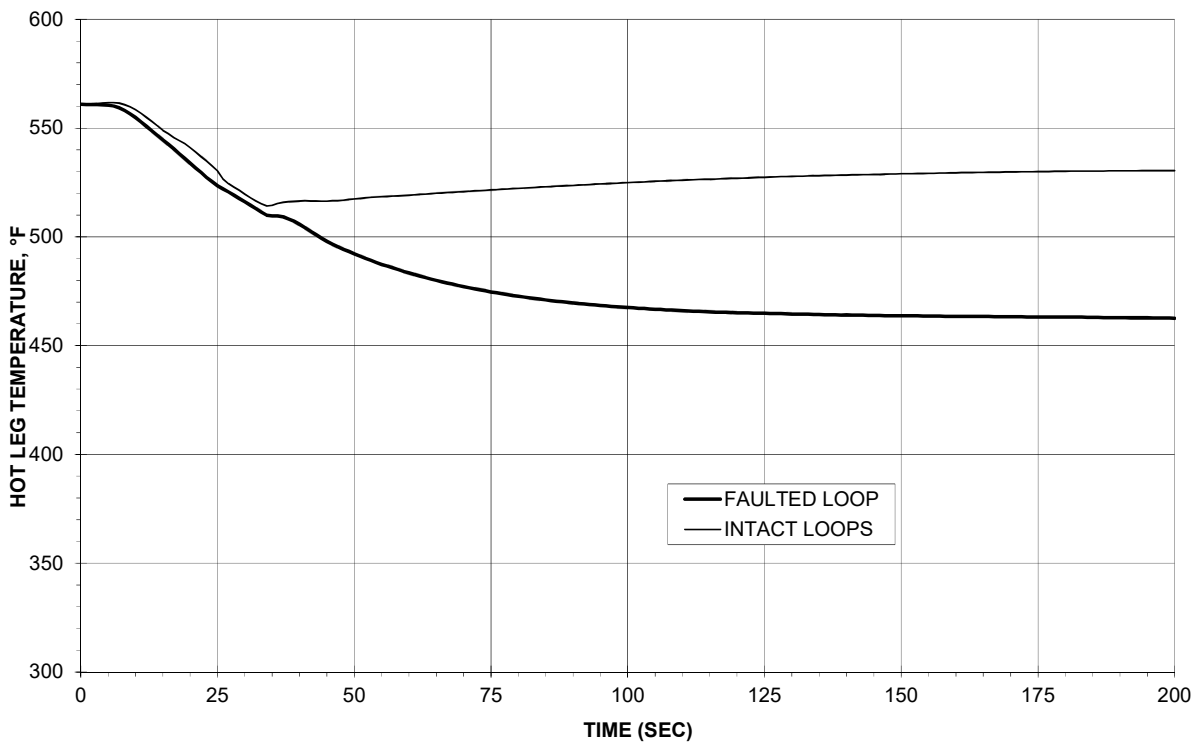


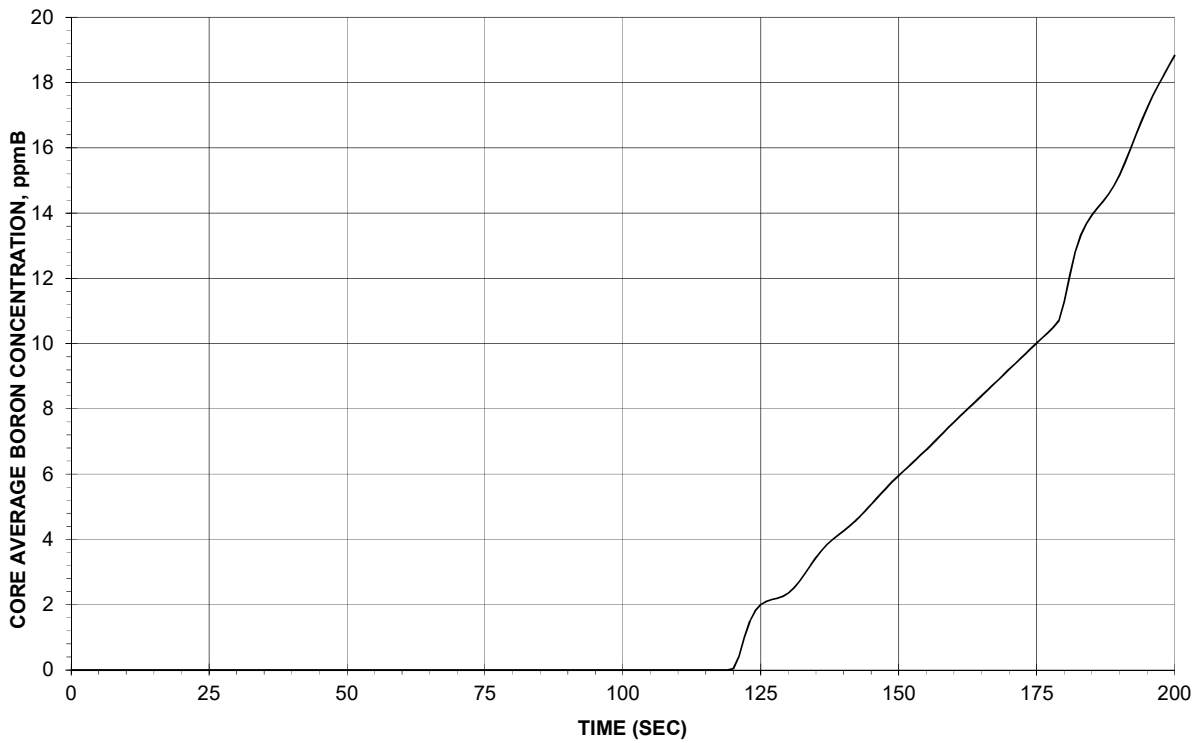
**Figure 15-20. Deleted Per 1998 Update.**

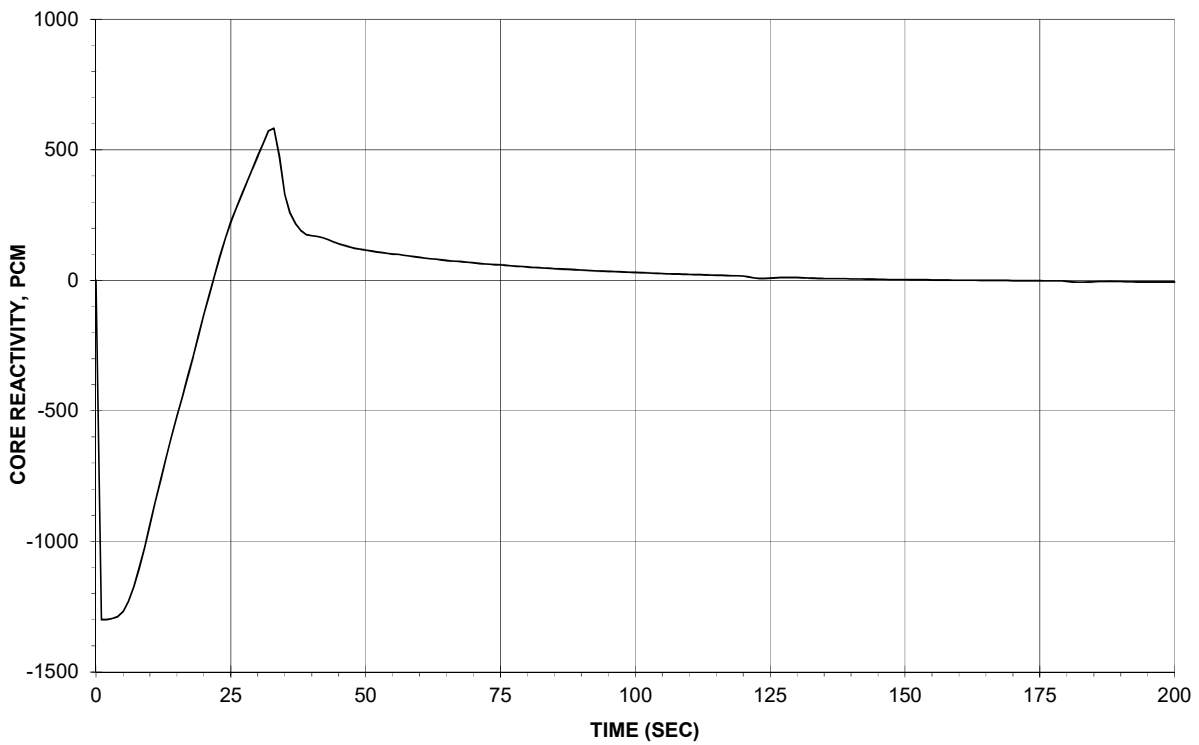


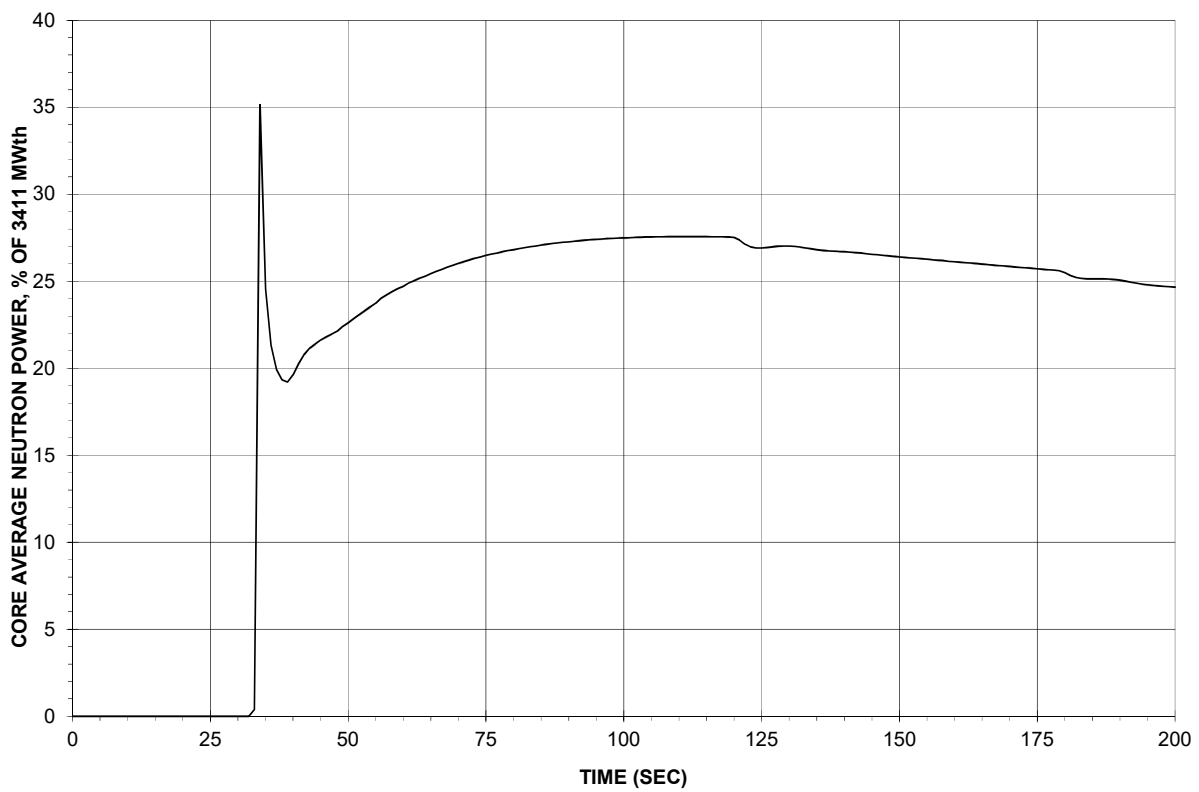
**Figure 15-21. Steamline Break, Offsite Power Maintained**

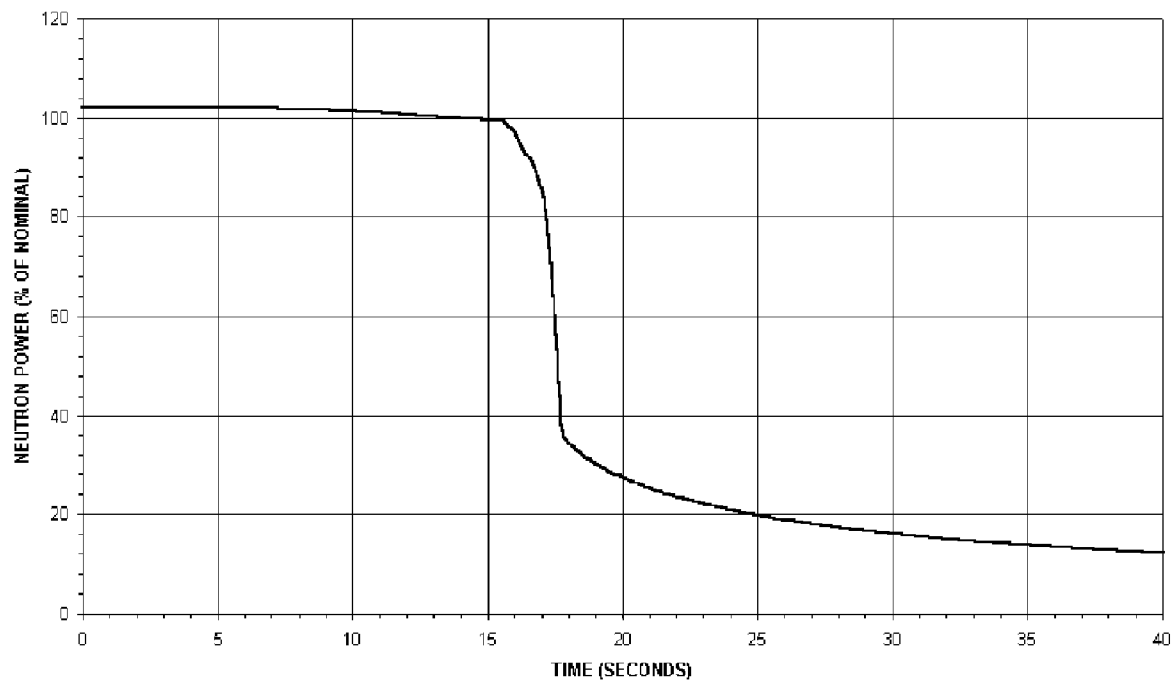
**Figure 15-22. Steamline Break, Offsite Power Maintained**

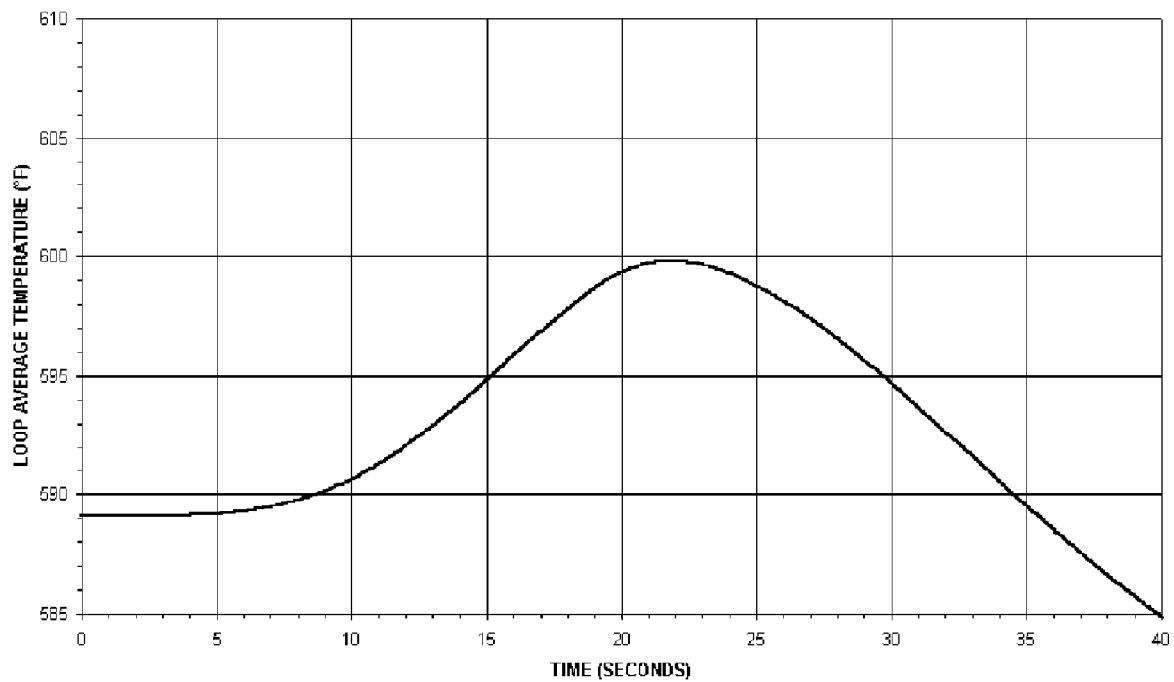
**Figure 15-23. Steamline Break, Offsite Power Maintained**

**Figure 15-24. Steamline Break, Offsite Power Maintained**

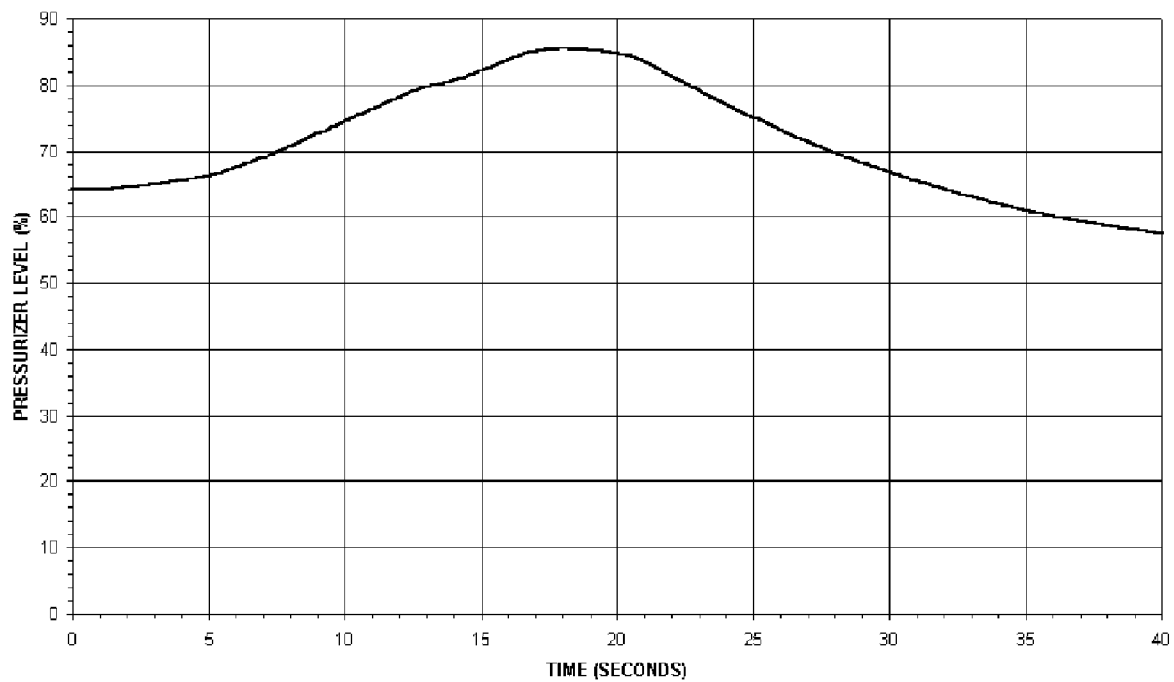
**Figure 15-25. Steamline Break, Offsite Power Maintained**

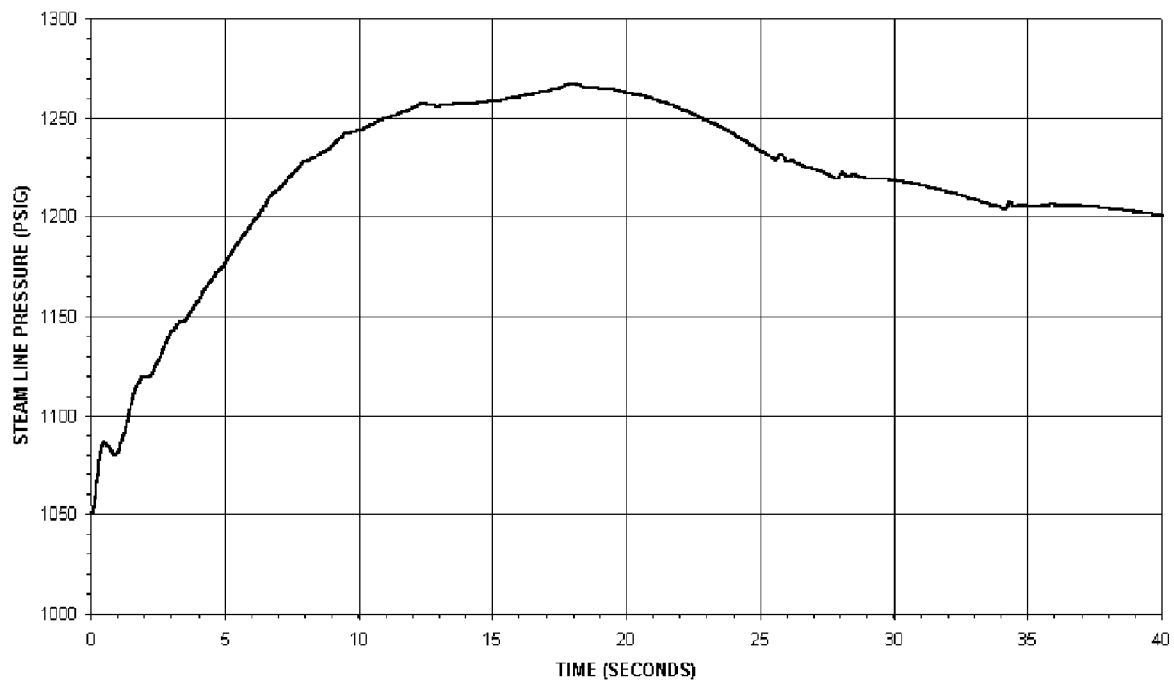
**Figure 15-26. Steamline Break, Offsite Power Maintained**

**Figure 15-27. Turbine Trip, Maximum Secondary Pressure Case**

**Figure 15-28. Turbine Trip, Maximum Secondary Pressure Case**



**Figure 15-29. Turbine Trip, Maximum Secondary Pressure Case**

**Figure 15-30. Turbine Trip, Maximum Secondary Pressure Case**

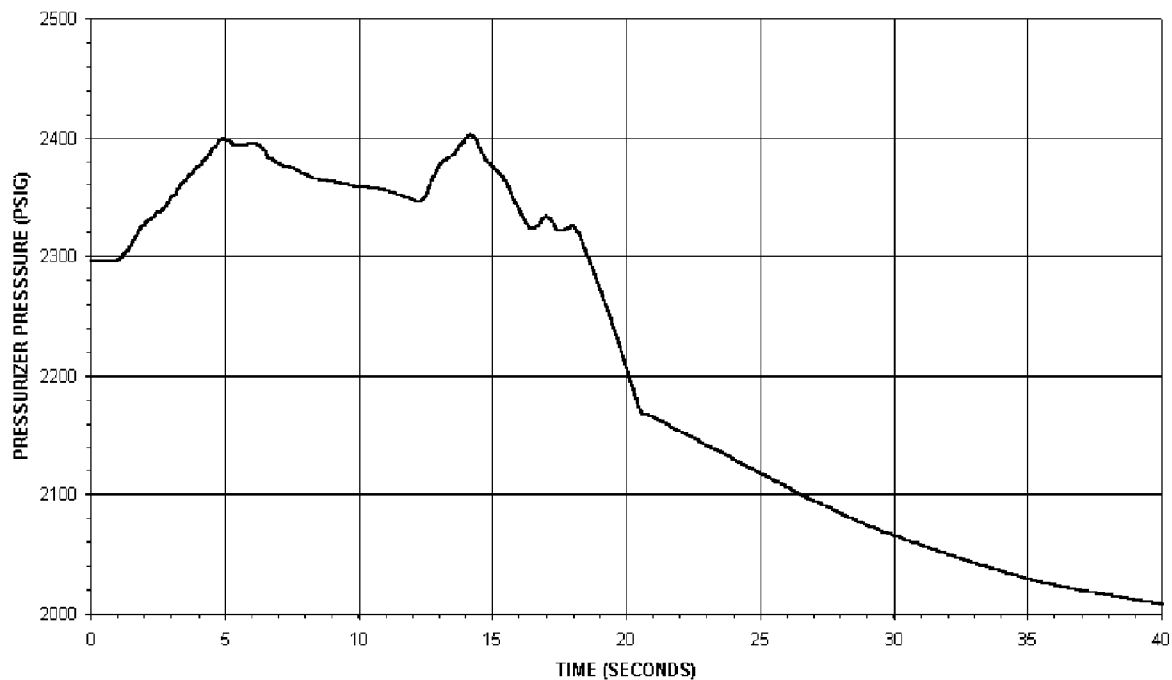
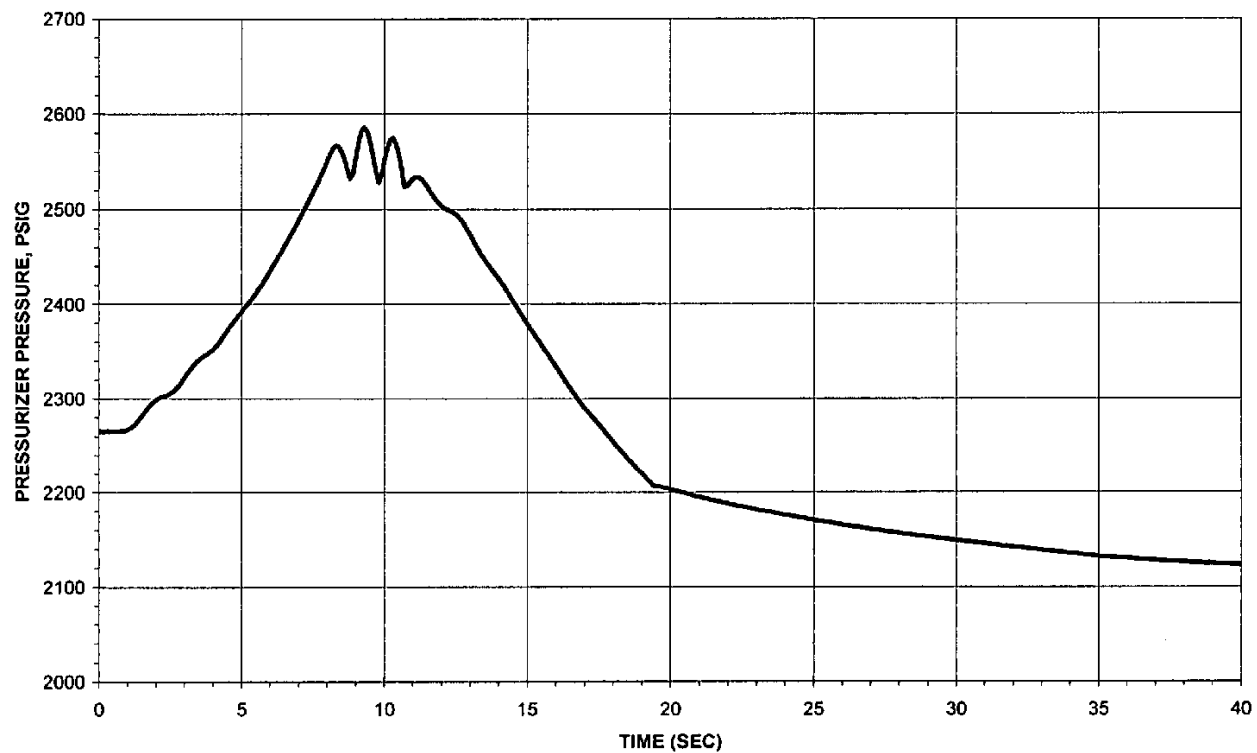
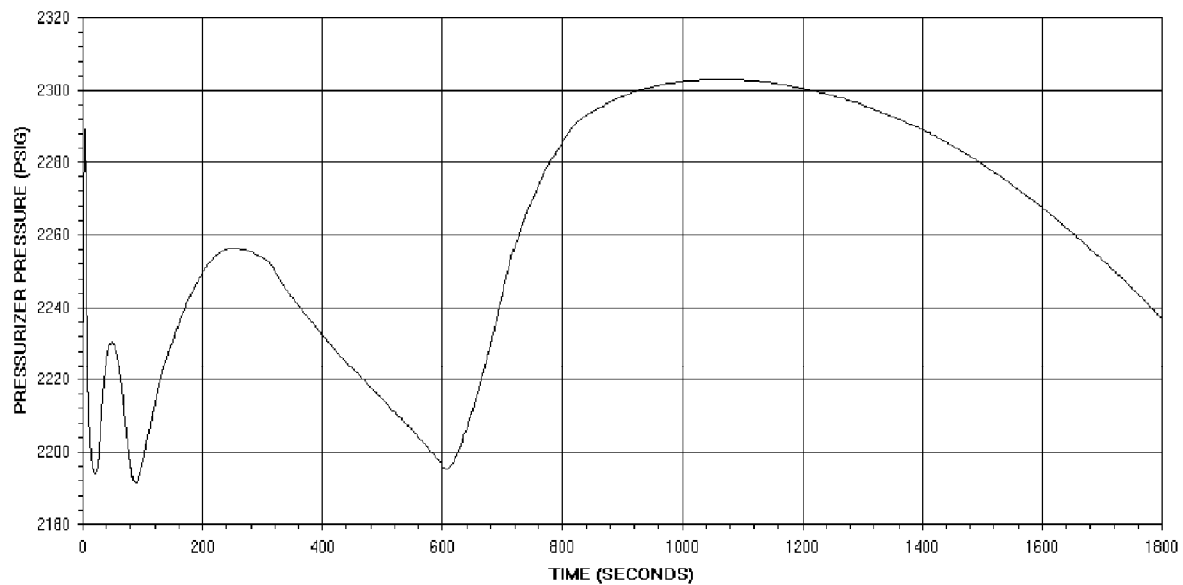
**Figure 15-31. Turbine Trip, Maximum Secondary Pressure Case**

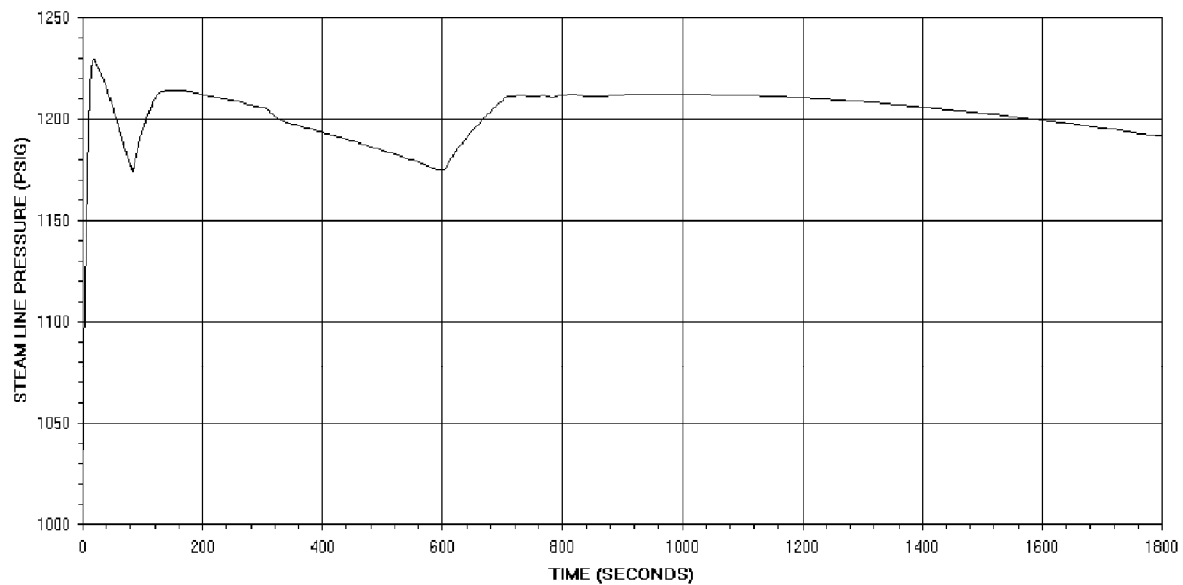
Figure 15-32. Turbine Trip, Maximum Primary Pressure Case



**Figure 15-33. Deleted Per 2006 Update**

**Figure 15-34. Deleted Per 2006 Update**

**Figure 15-35. Loss of Offsite Power**

**Figure 15-36. Loss of Offsite Power**

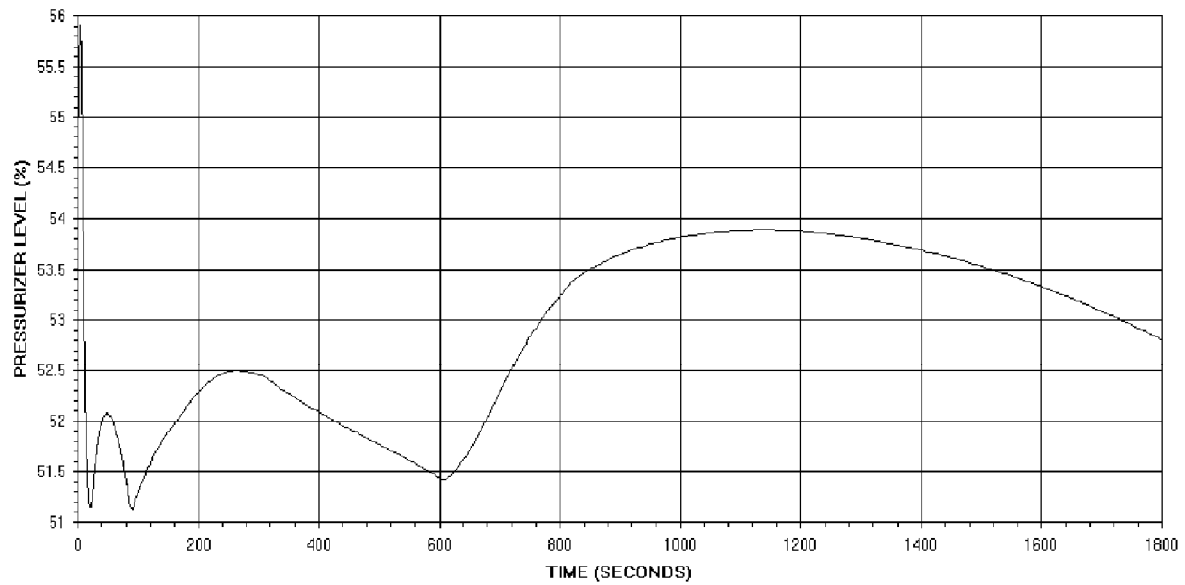
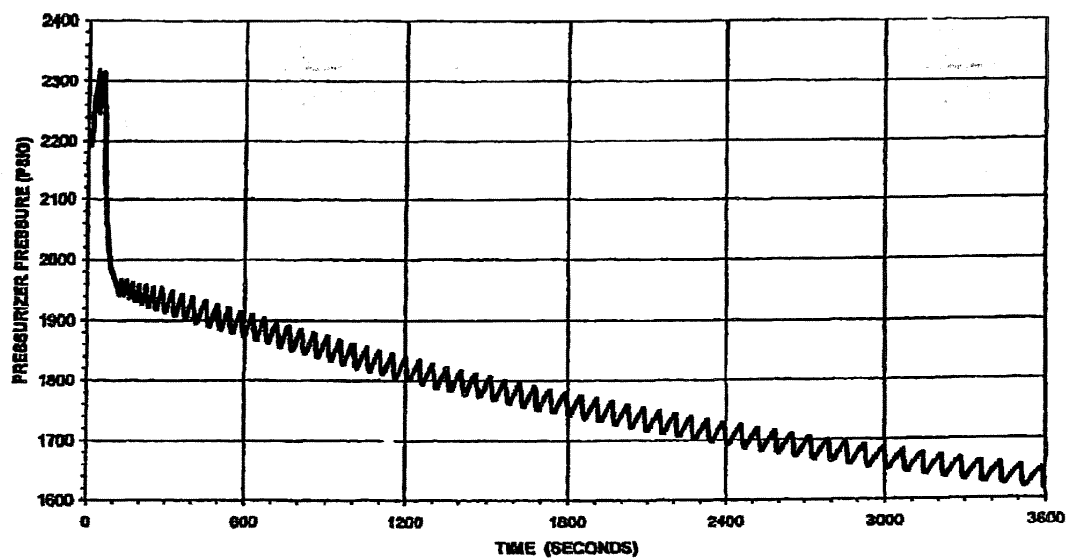
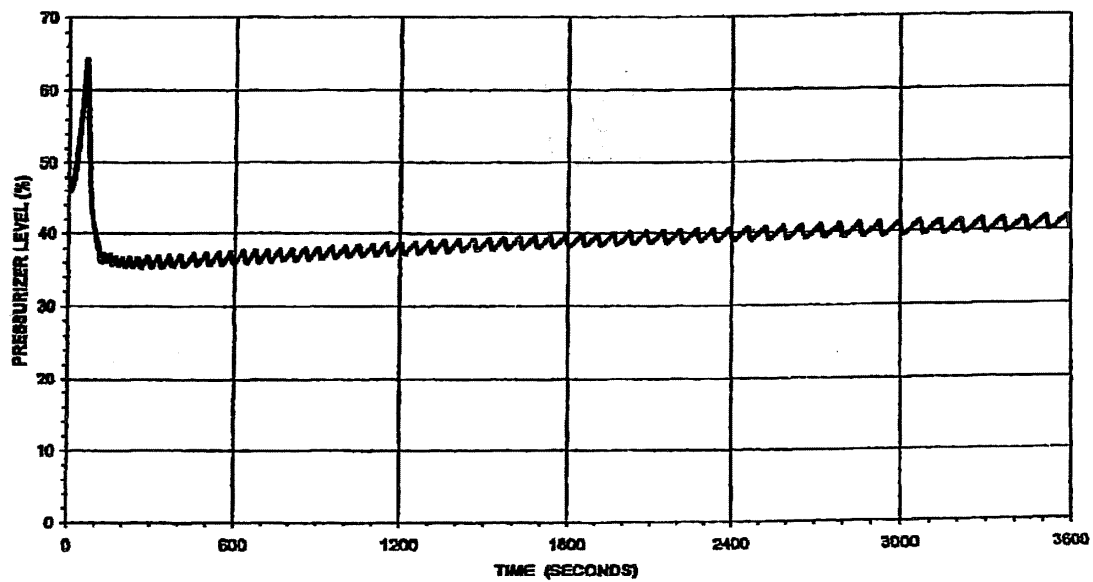
**Figure 15-37. Loss of Offsite Power**



Figure 15-38. Loss of Normal Feedwater





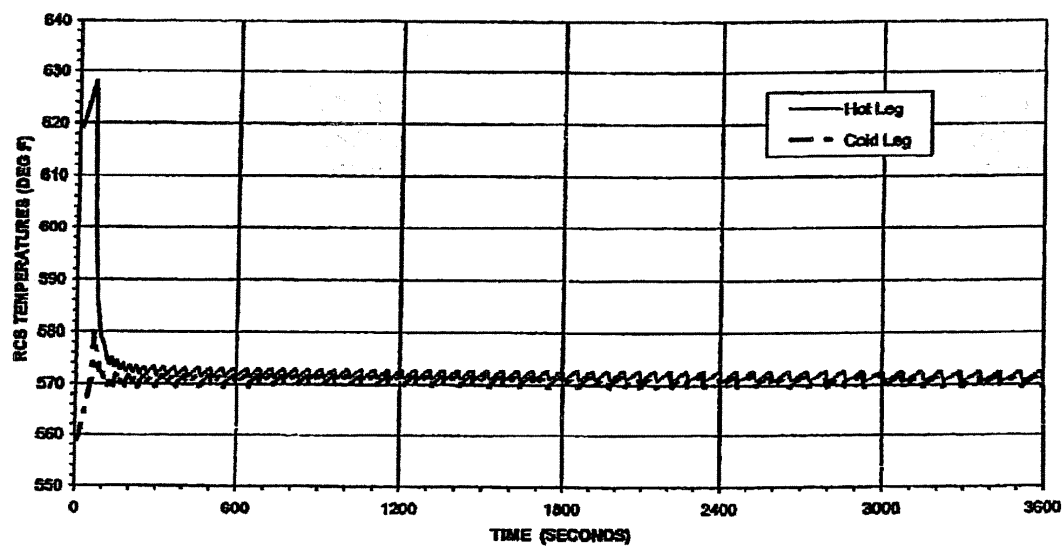
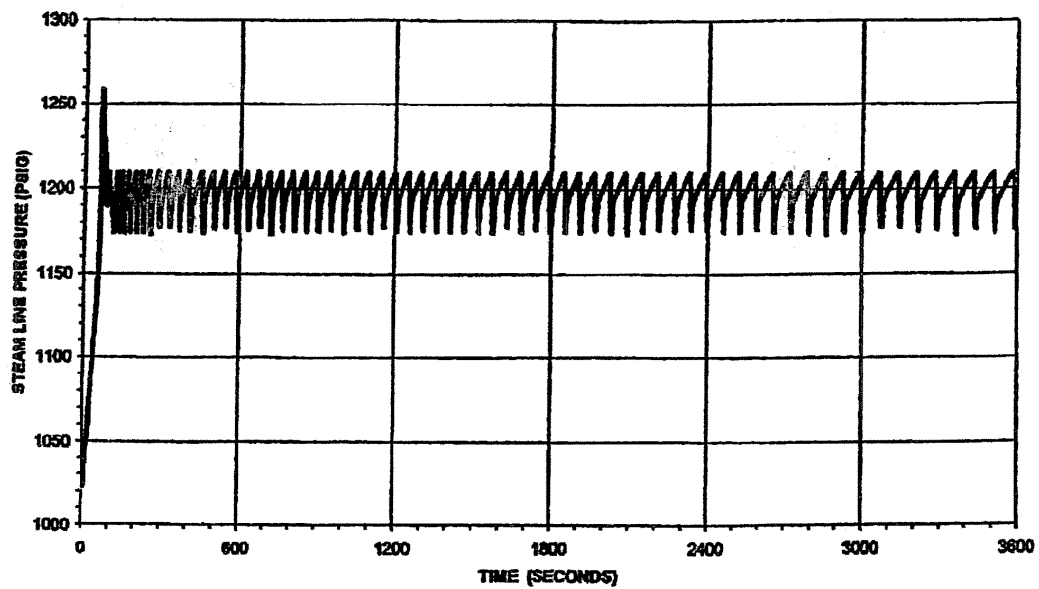
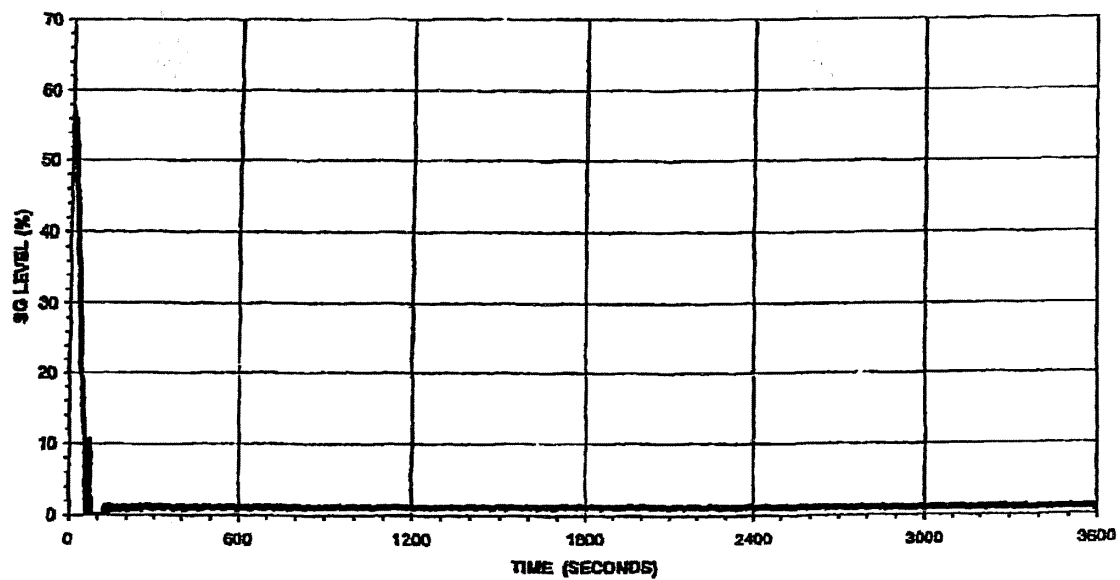
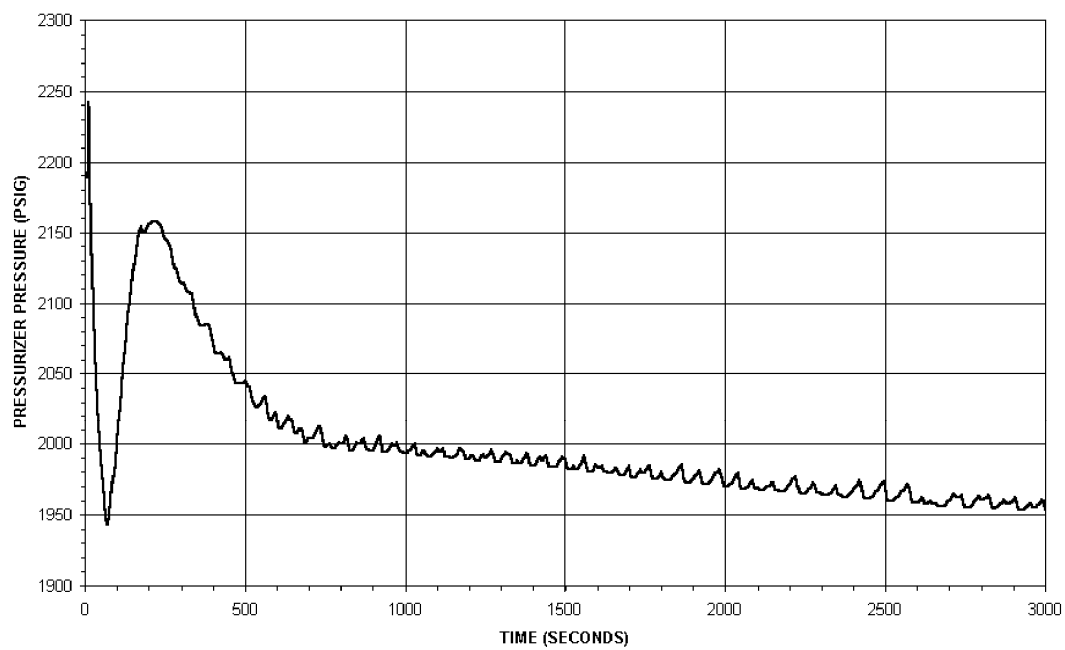
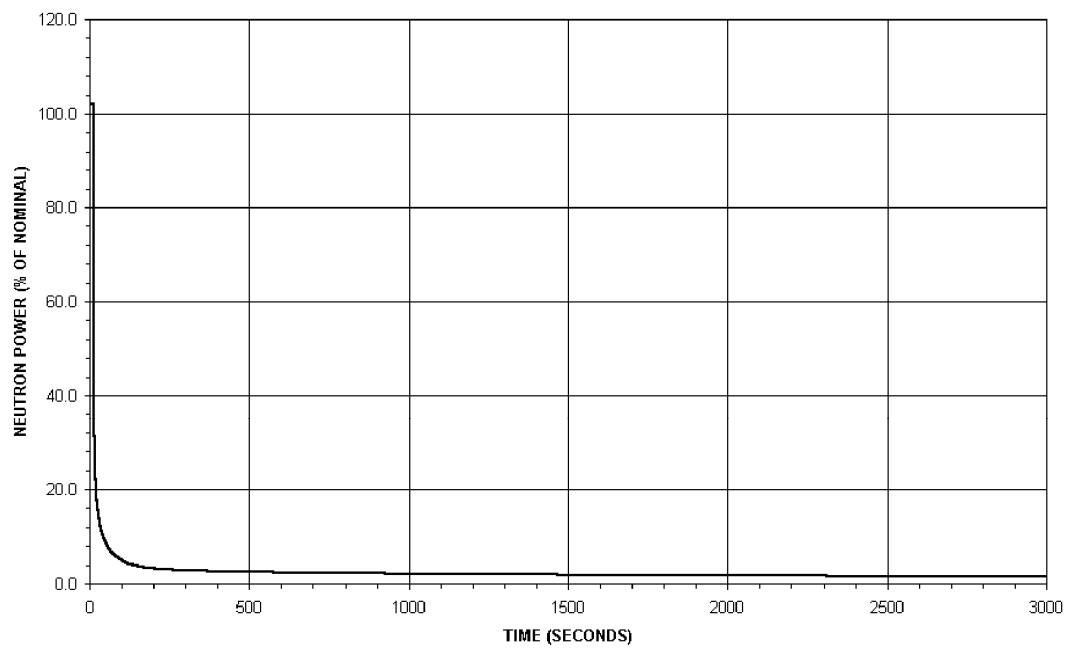


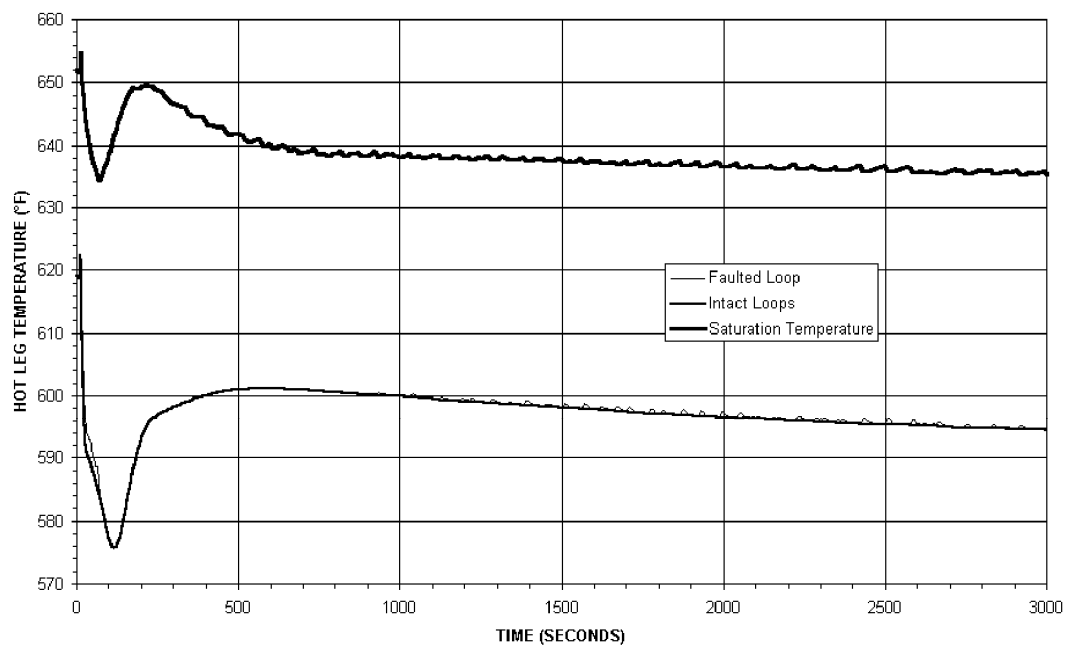
Figure 15-39. Loss of Normal Feedwater



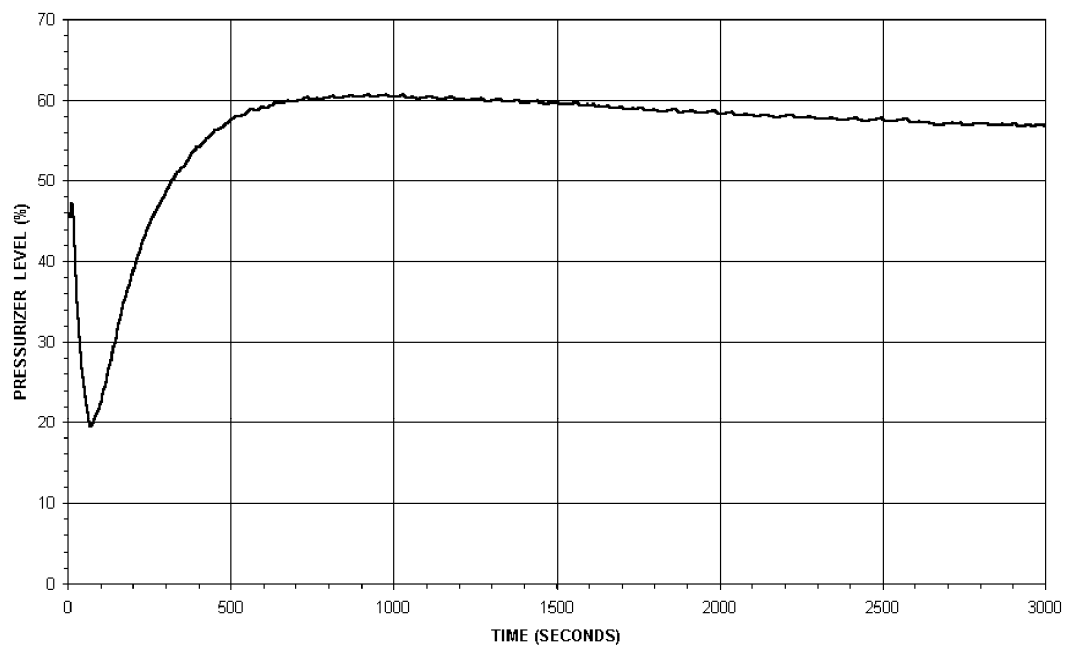


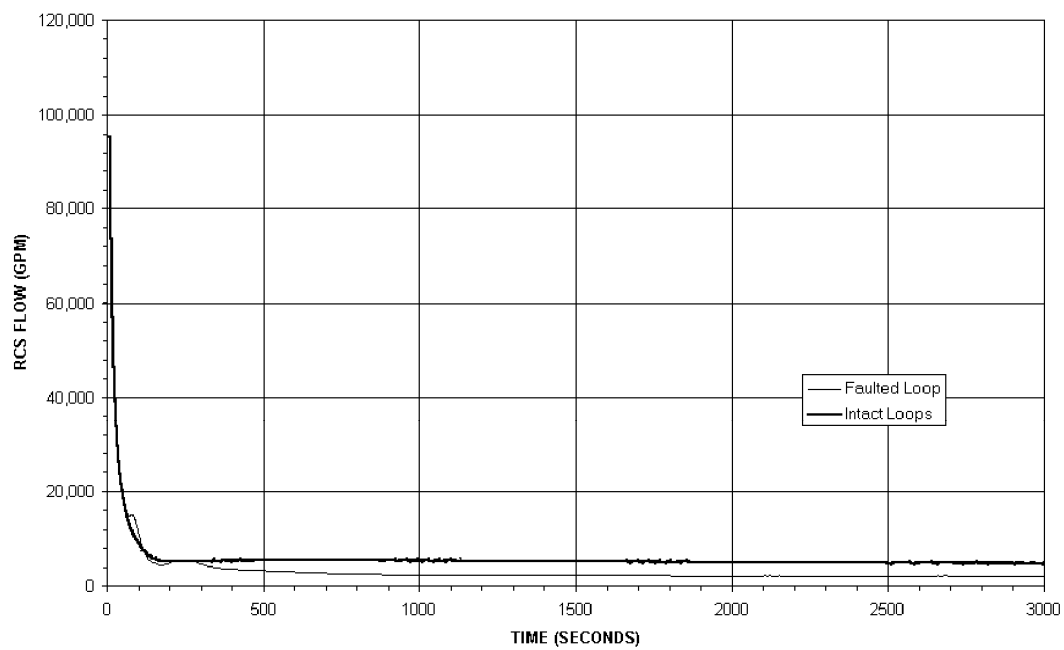
**Figure 15-40. Feedwater System Pipe Break, Long Term Core Cooling Analysis**

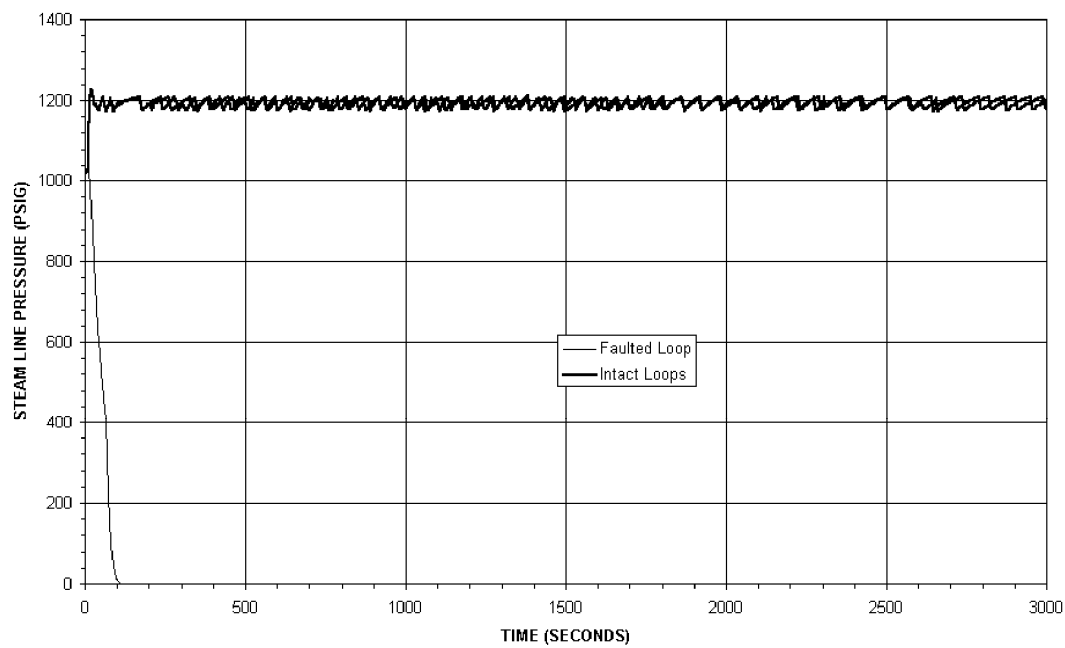
**Figure 15-41. Feedwater System Pipe Break, Long Term Core Cooling Analysis**

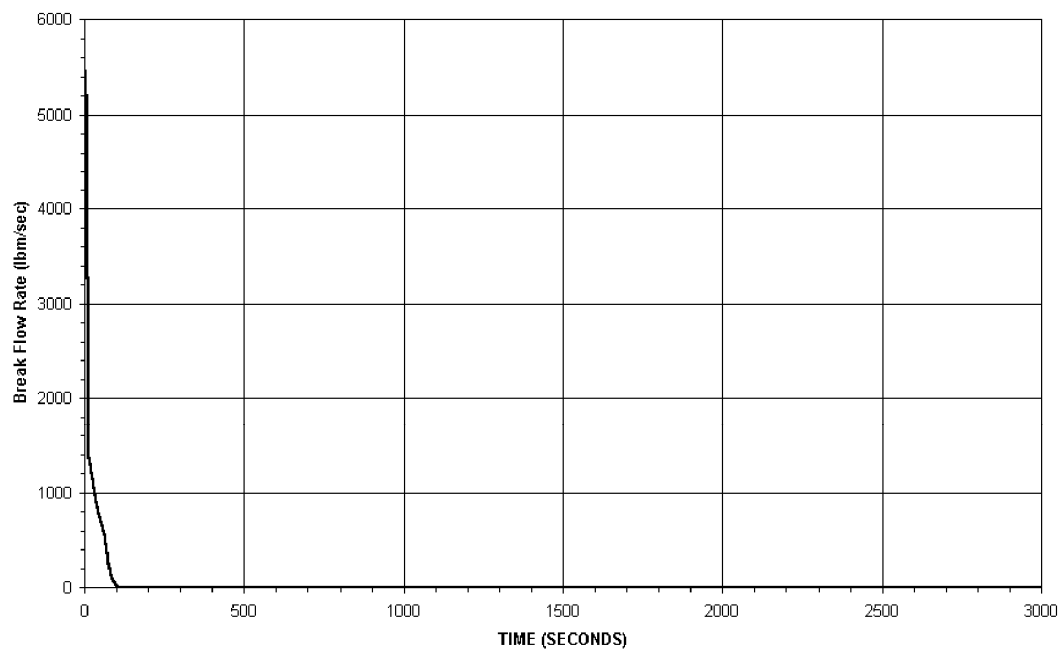
**Figure 15-42. Feedwater System Pipe Break, Long Term Core Cooling Analysis**



**Figure 15-43. Feedwater System Pipe Break, Long Term Core Cooling Analysis**

**Figure 15-44. Feedwater System Pipe Break, Long Term Core Cooling Analysis**

**Figure 15-45. Feedwater System Pipe Break, Long Term Core Cooling Analysis**

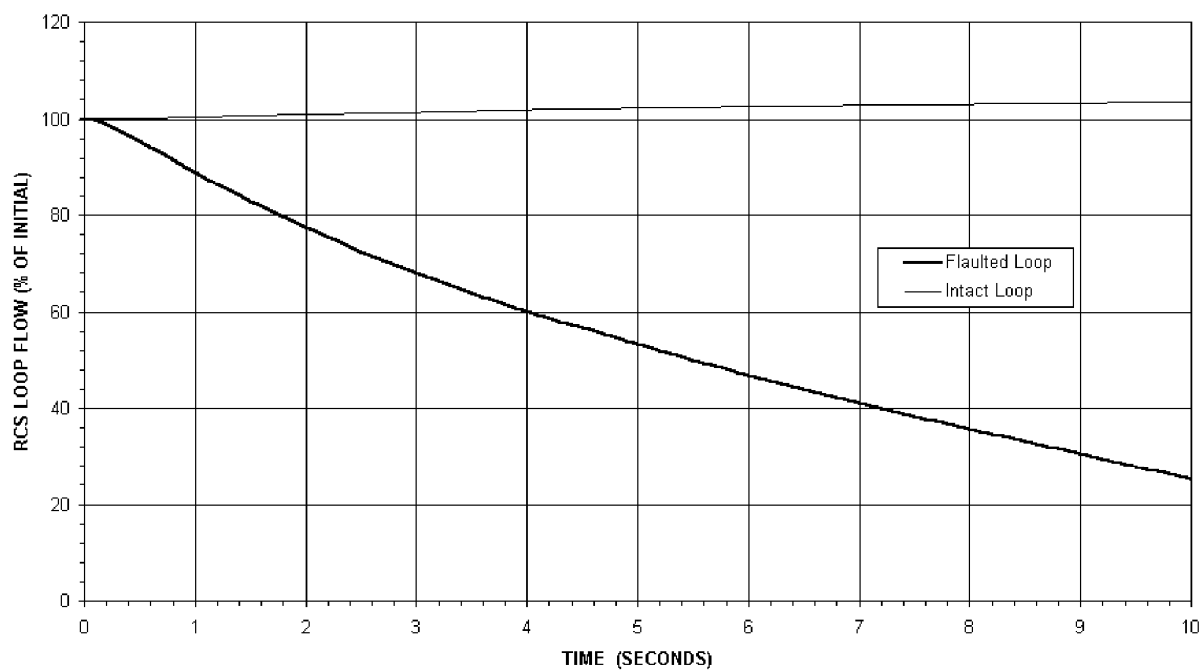
**Figure 15-46. Feedwater System Pipe Break, Long Term Core Cooling Analysis**

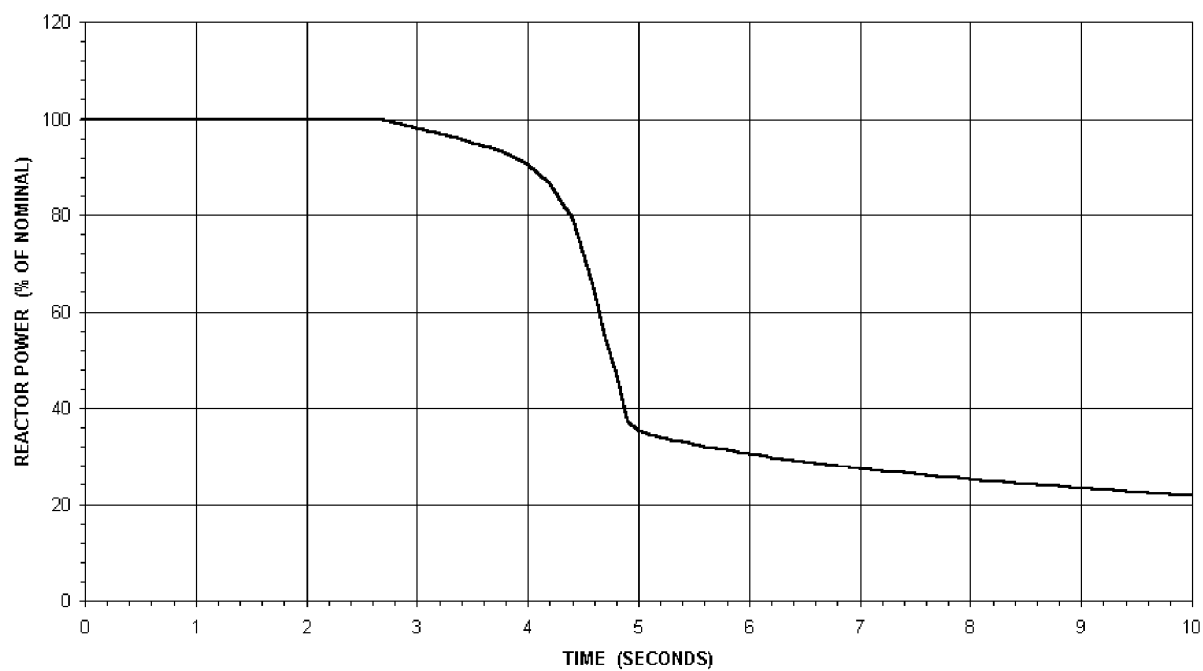
**Figure 15-47. Deleted Per 1992 Update**

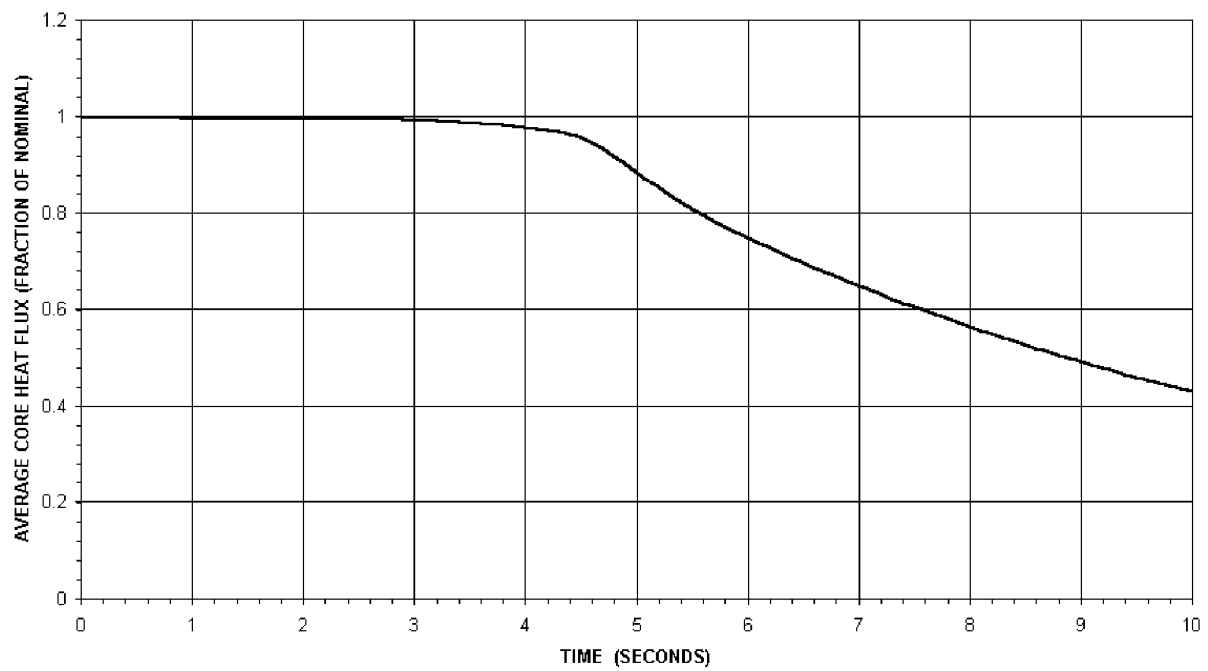
**Figure 15-48. Deleted Per 1992 Update**

**Figure 15-49. Deleted Per 1992 Update**

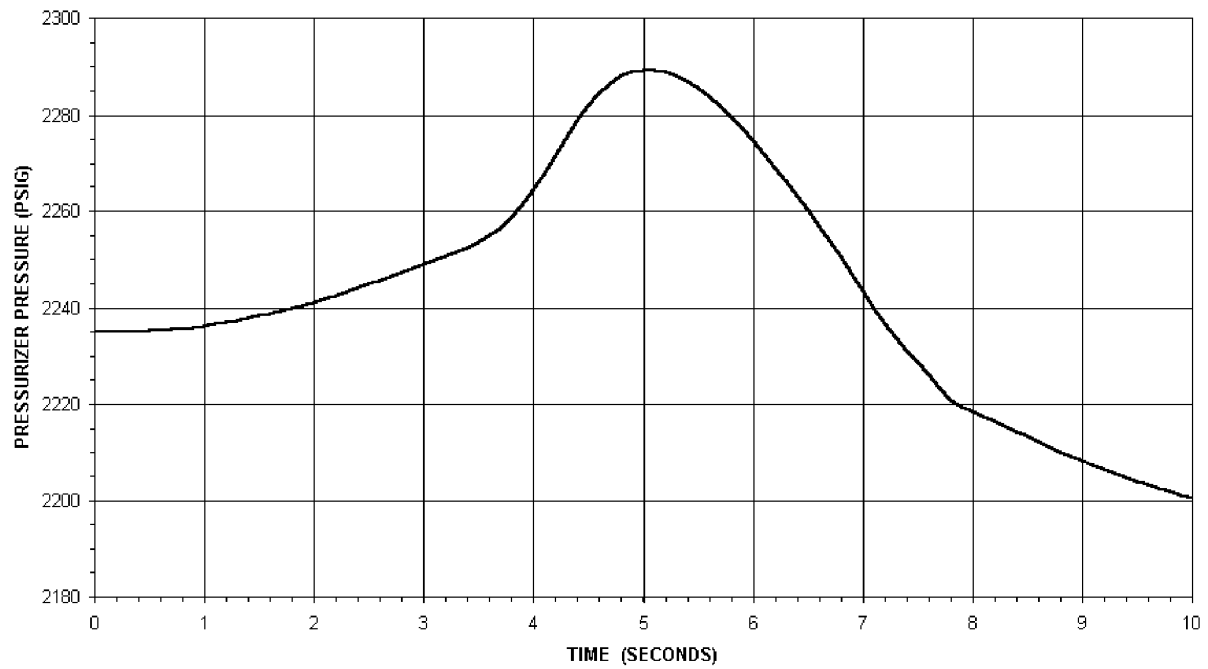
**Figure 15-50. Deleted Per 1992 Update**

**Figure 15-51. Partial Loss of Forced Reactor Coolant Flow**

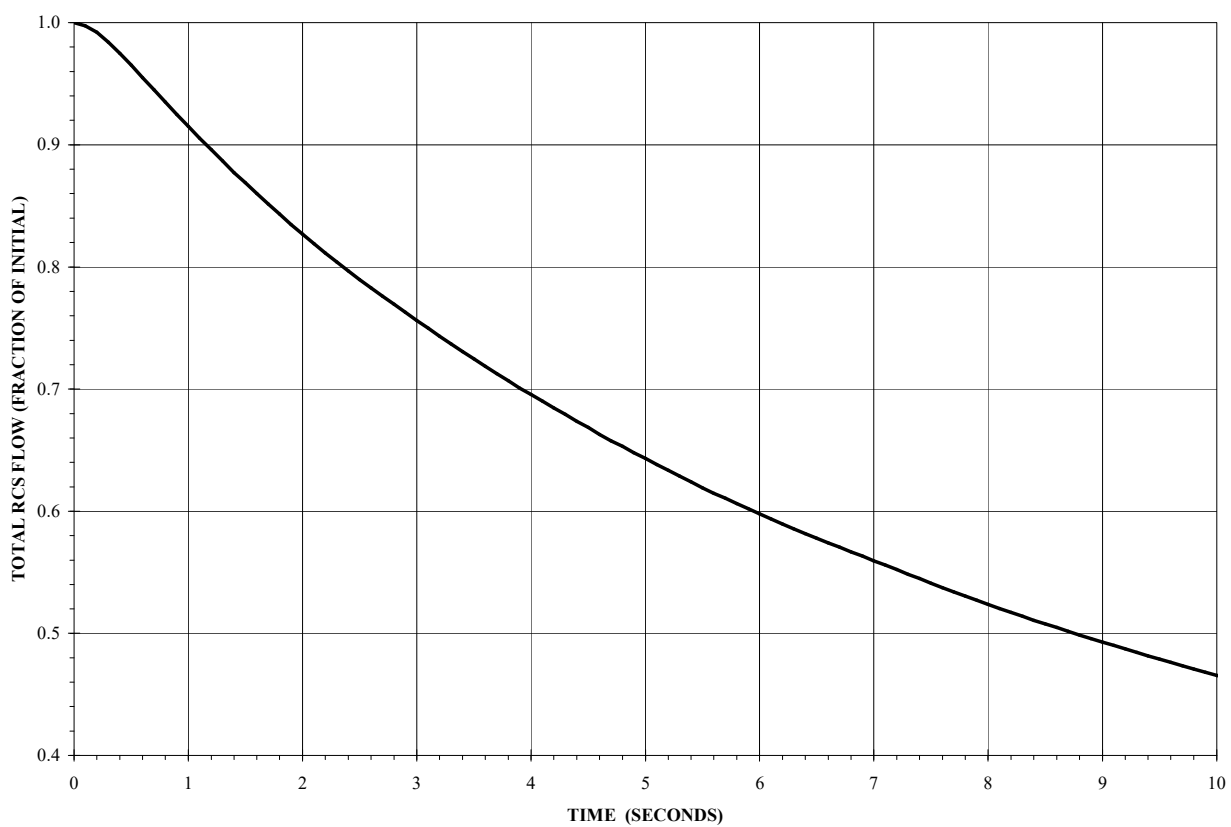
**Figure 15-52. Partial Loss of Forced Reactor Coolant Flow**

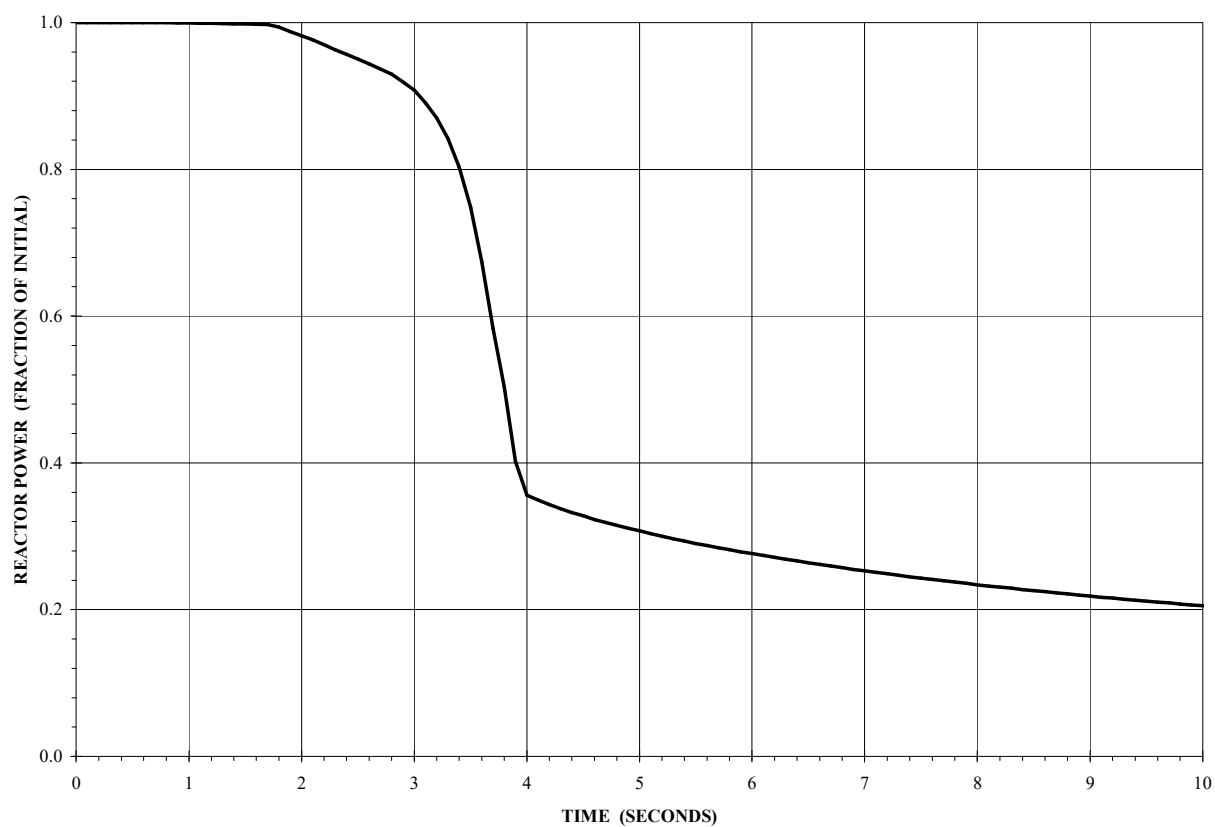
**Figure 15-53. Partial Loss of Forced Reactor Coolant Flow**

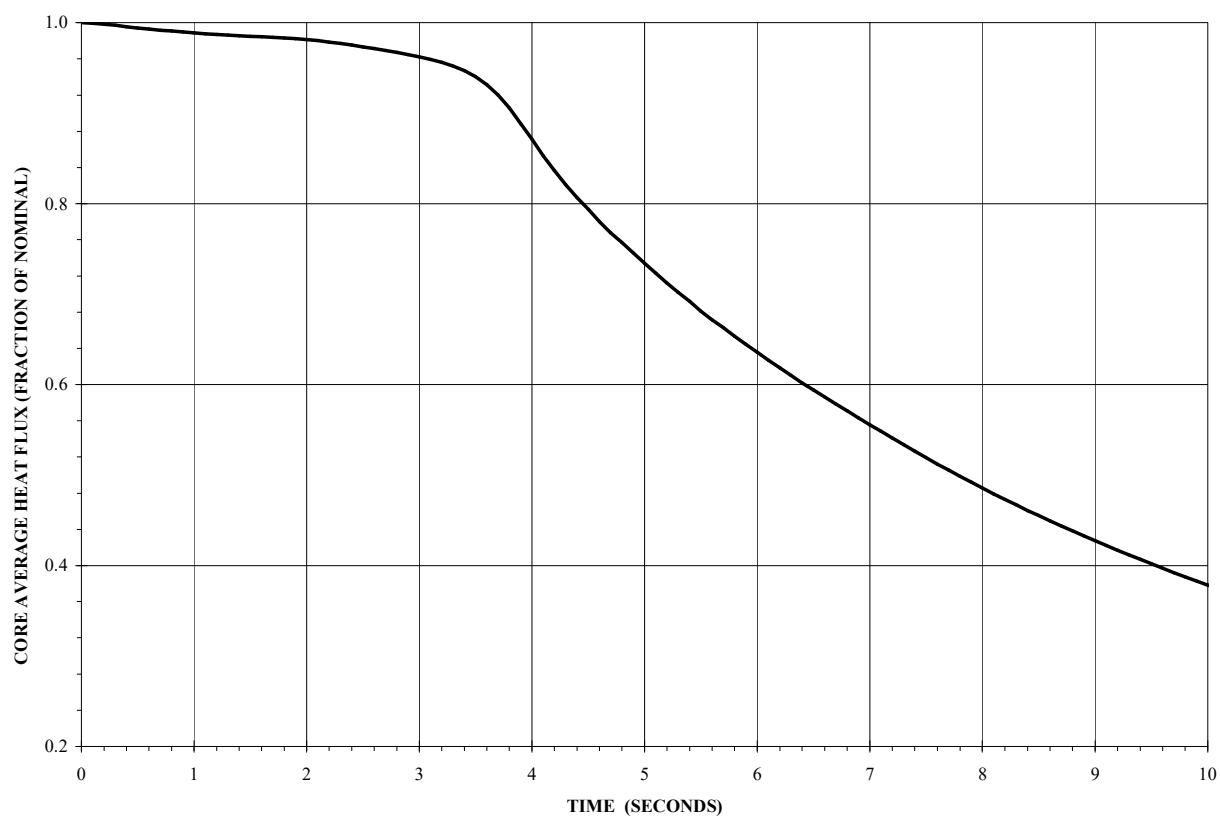


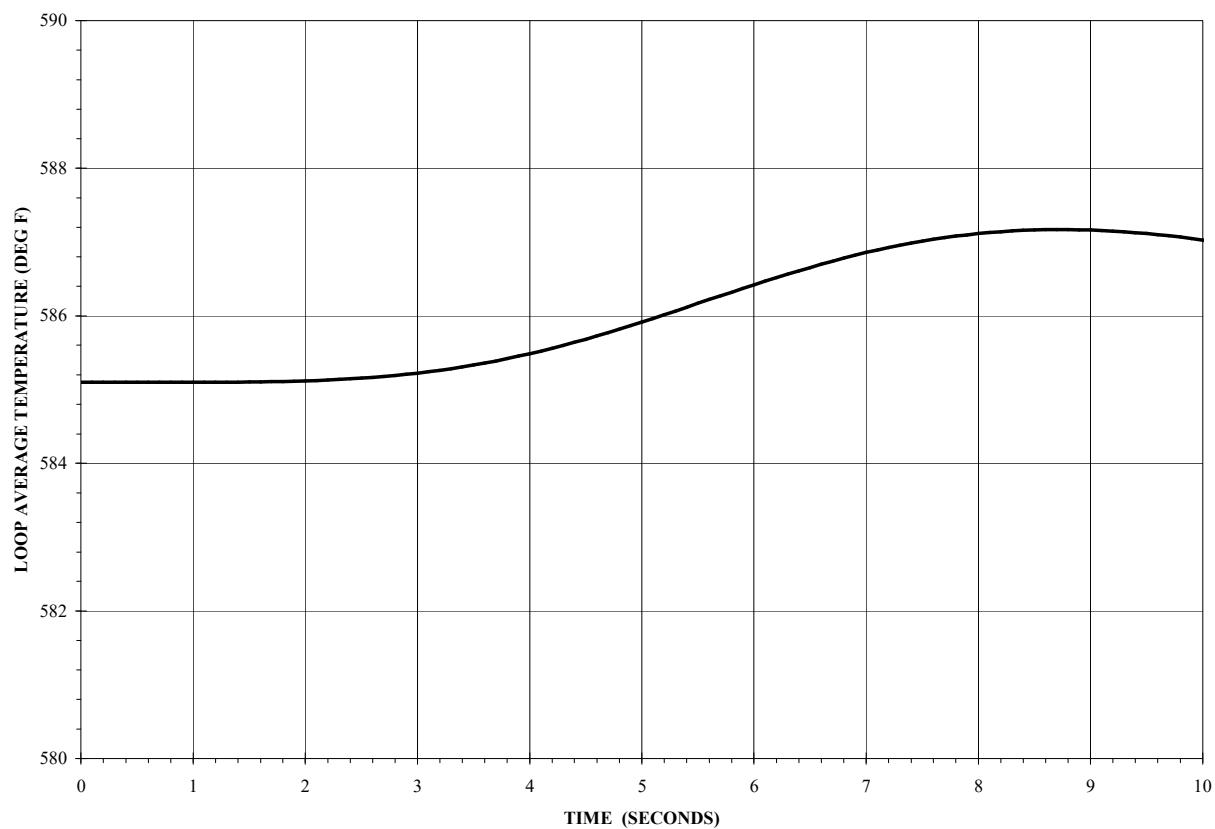
**Figure 15-54. Partial Loss of Forced Reactor Coolant Flow**

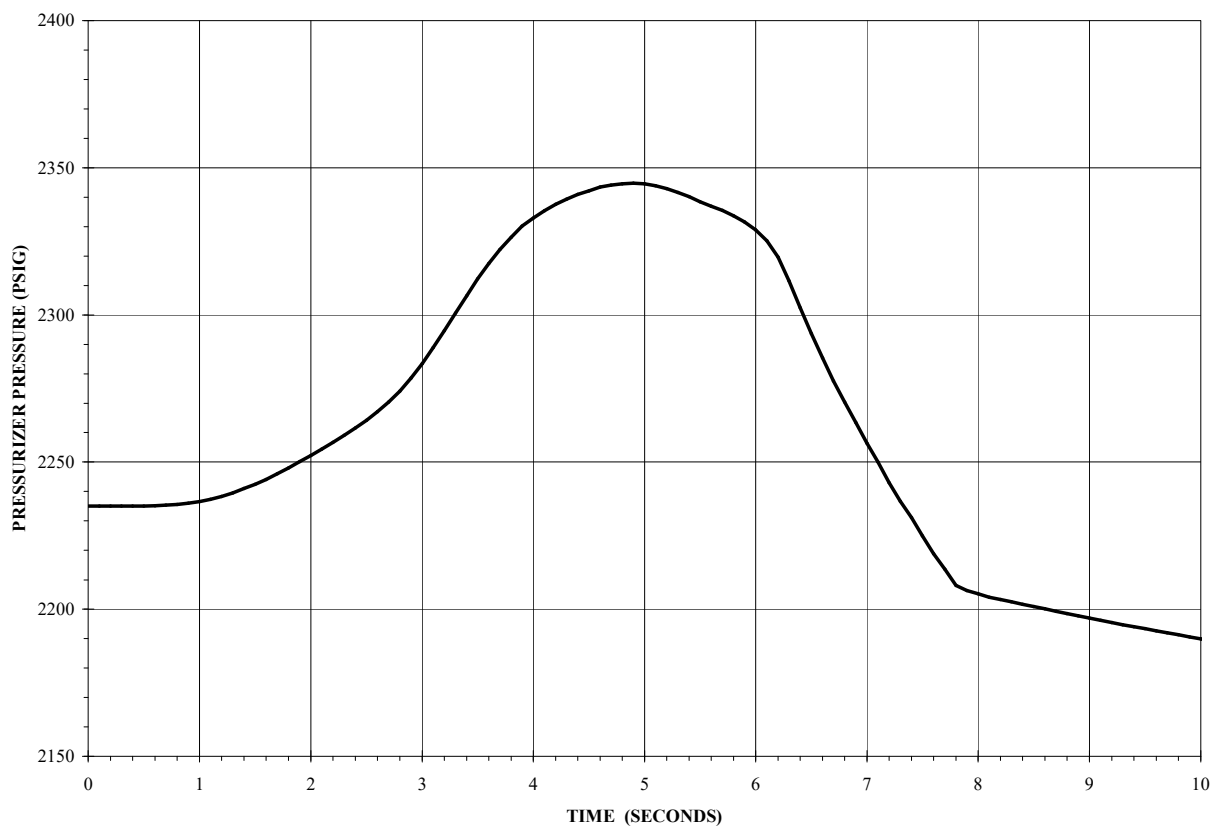
**Figure 15-55. Deleted per 2003 Update**

**Figure 15-56. Complete Loss of Forced Reactor Coolant Flow**

**Figure 15-57. Complete Loss of Forced Reactor Coolant Flow**

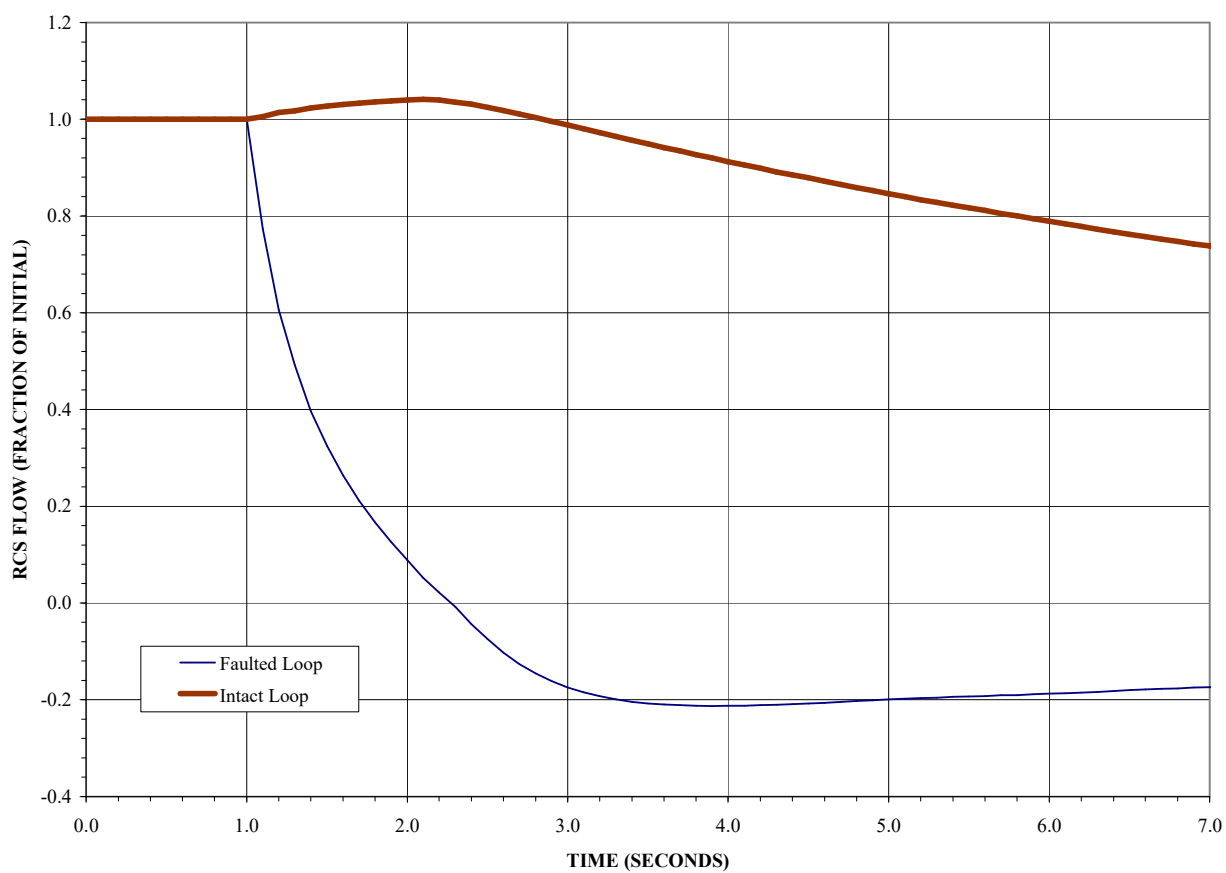
**Figure 15-58. Complete Loss of Forced Reactor Coolant Flow**

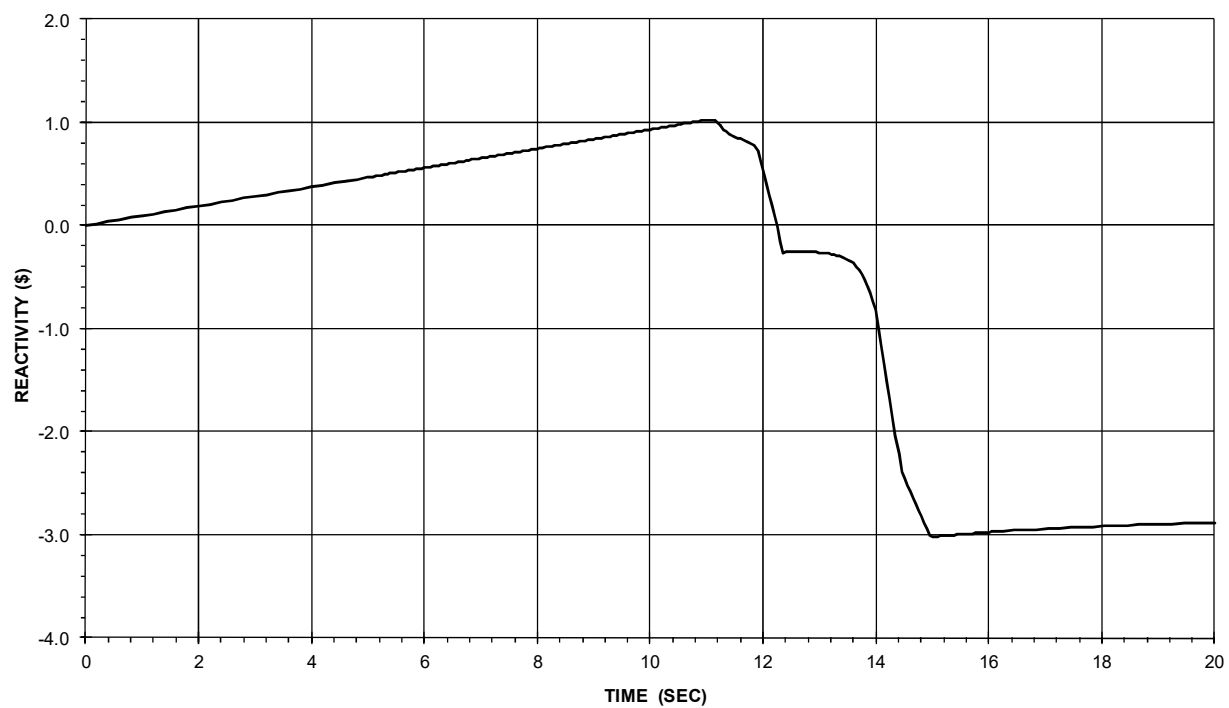
**Figure 15-59. Complete Loss of Forced Reactor Coolant Flow**

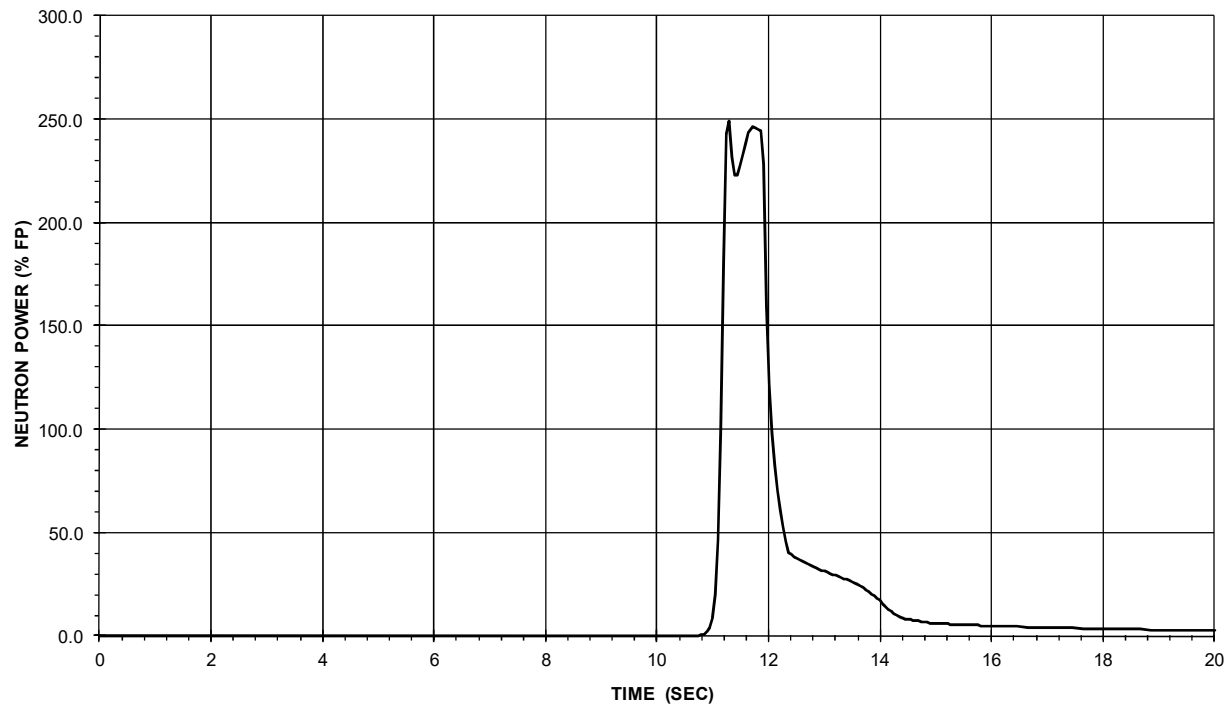
**Figure 15-60. Complete Loss of Forced Reactor Coolant Flow**

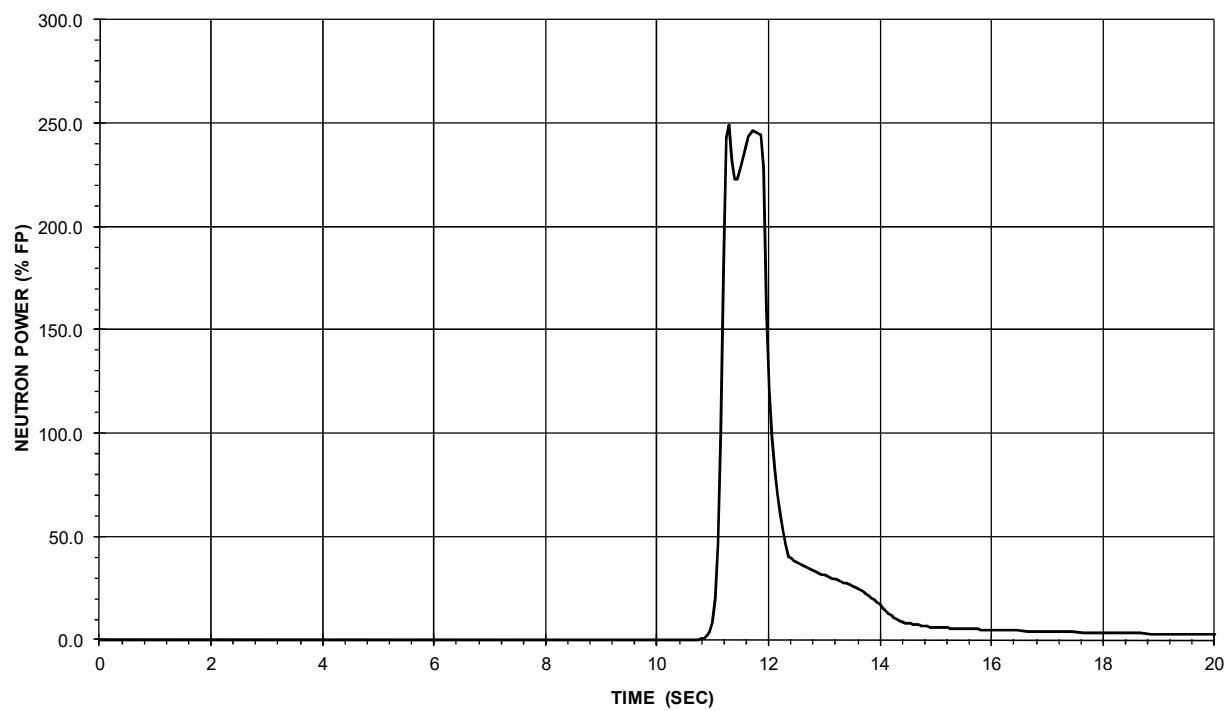
**Figure 15-61. Deleted per 2003 Update**

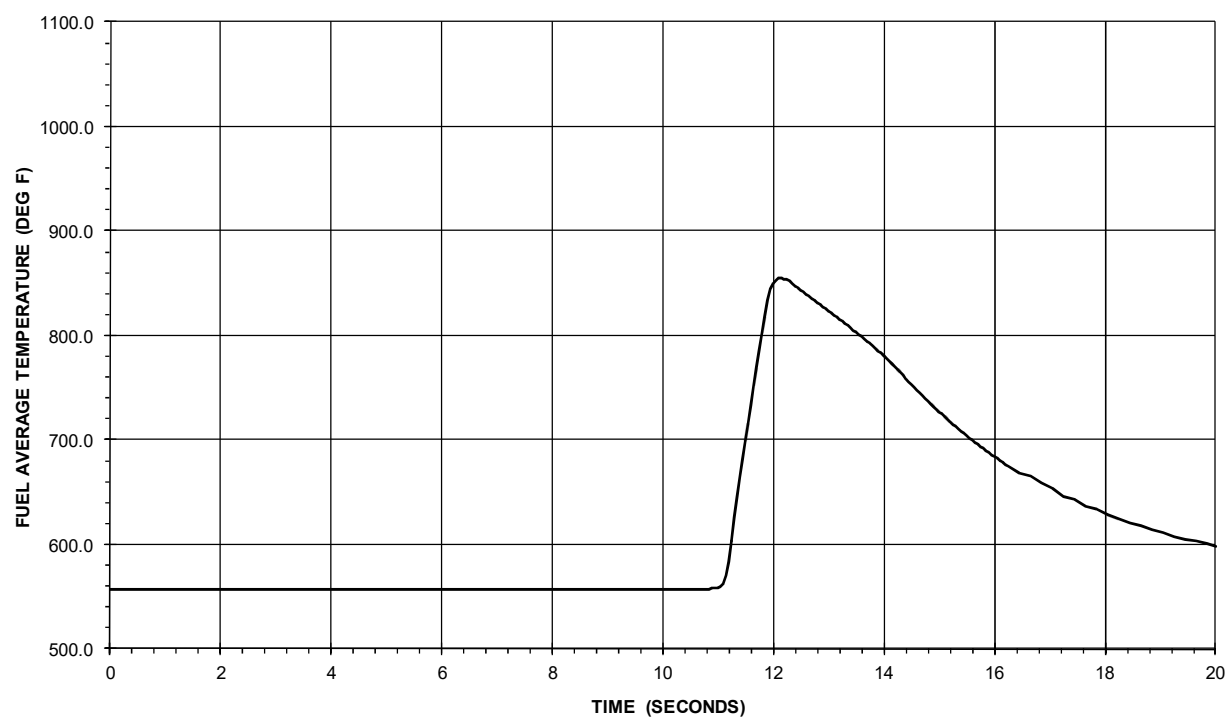


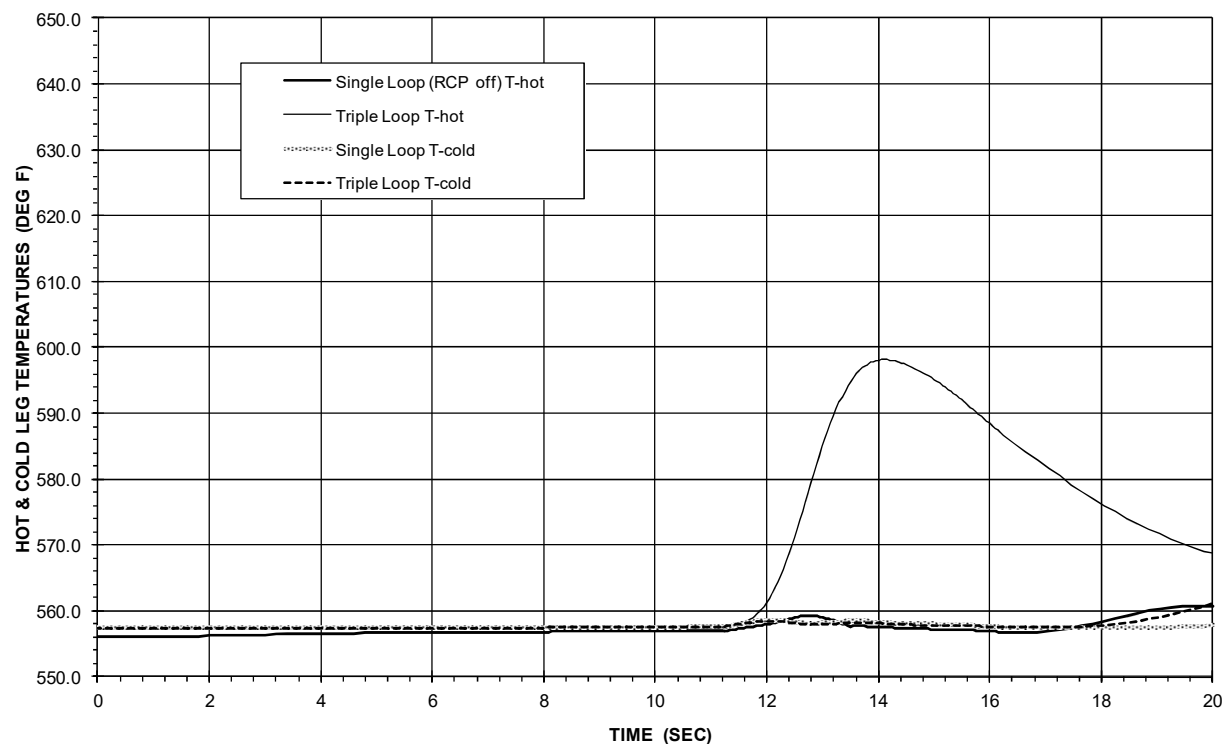
**Figure 15-62. Locked Rotor RCS Flow (Fraction of Initial) – Offsite Power Lost**

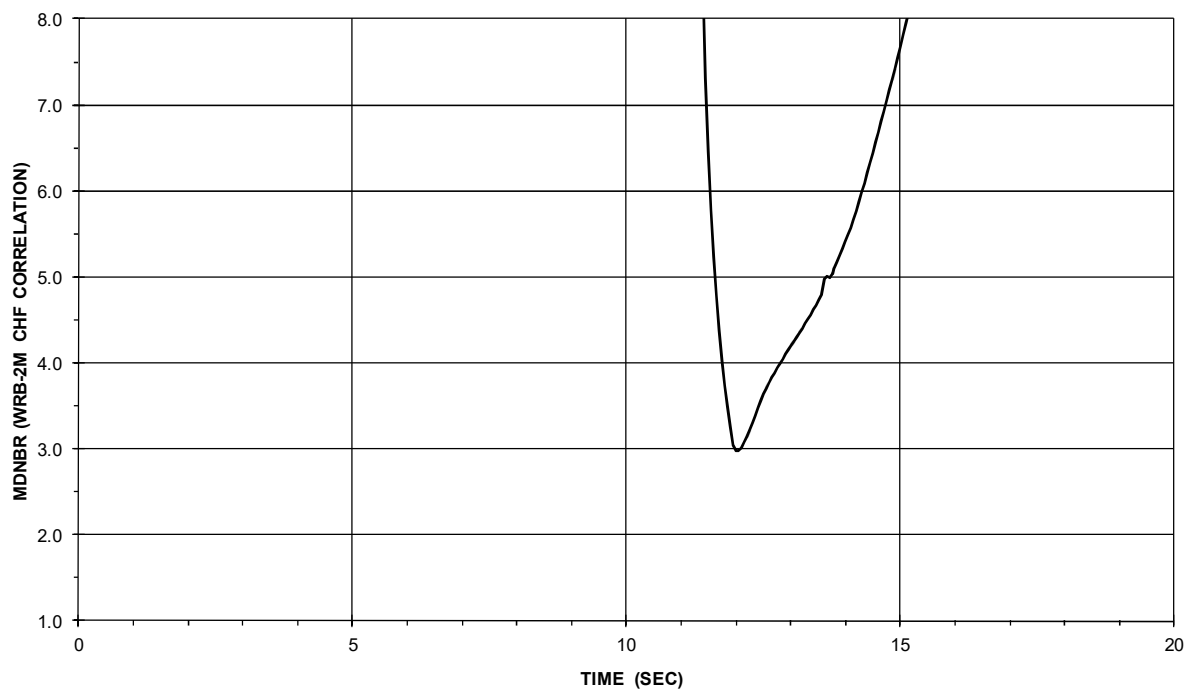
**Figure 15-63. Uncontrolled RCCA Bank Withdrawal at HZP**

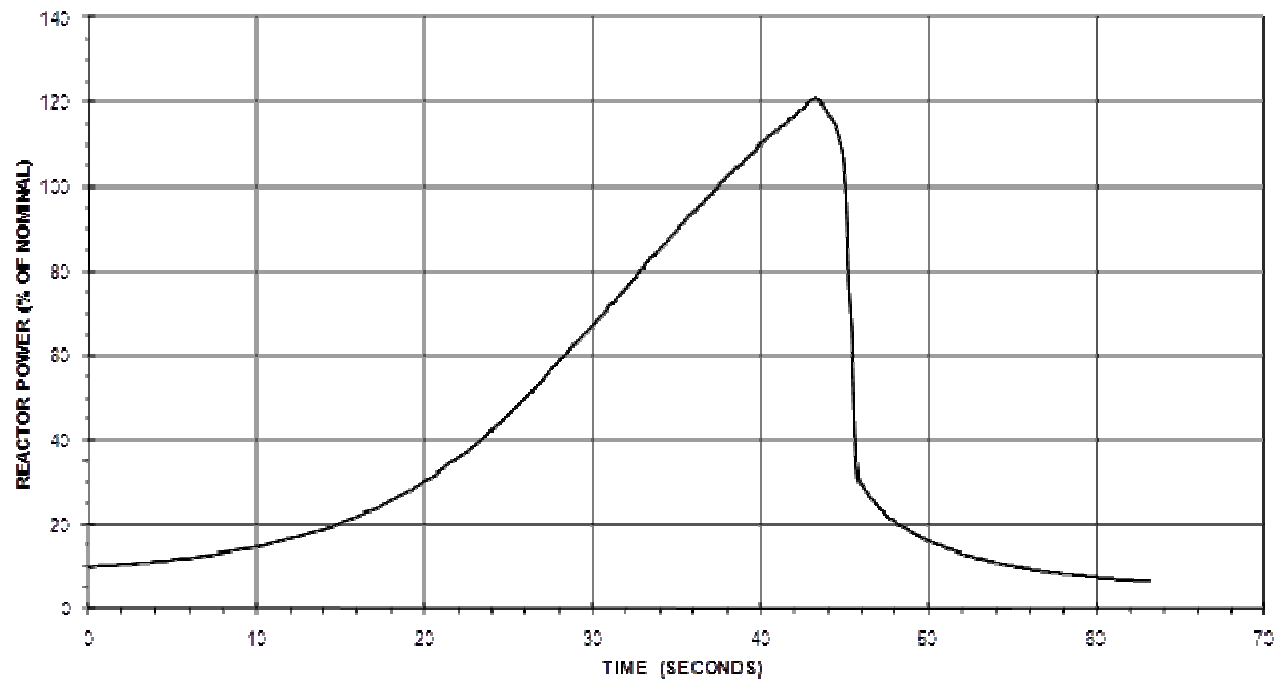
**Figure 15-64. Uncontrolled RCCA Bank Withdrawal at HZP**

**Figure 15-65. Uncontrolled RCCA Bank Withdrawal at HZP**

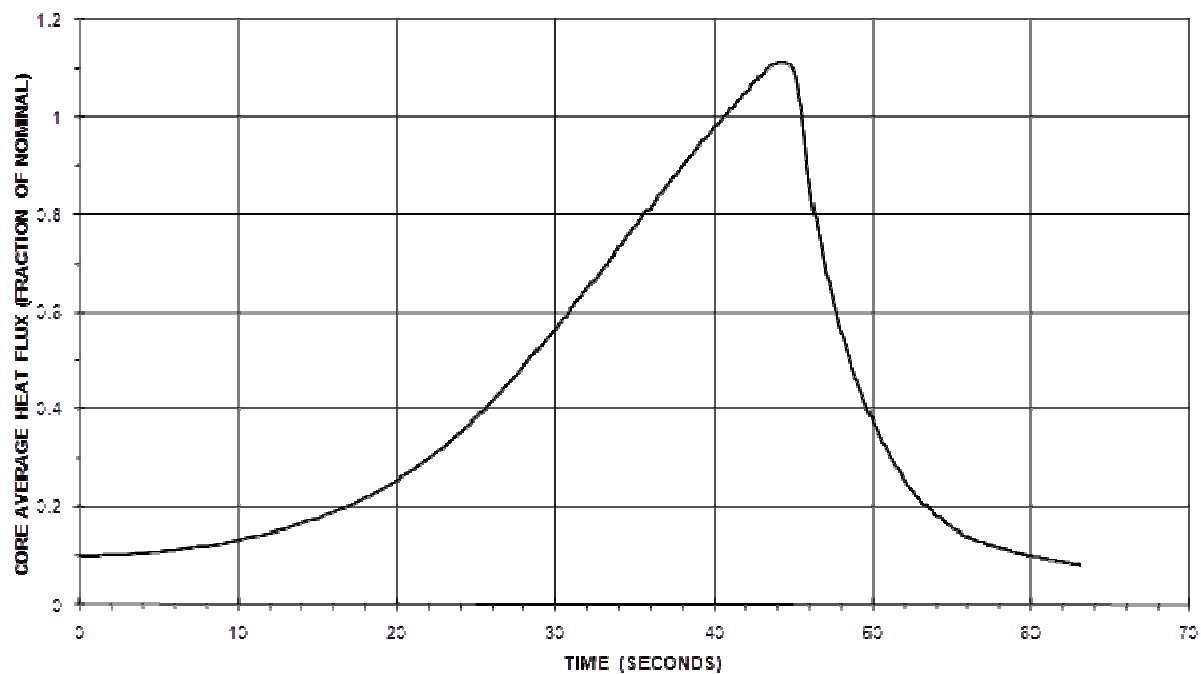
**Figure 15-66. Uncontrolled RCCA Bank Withdrawal at HZP**

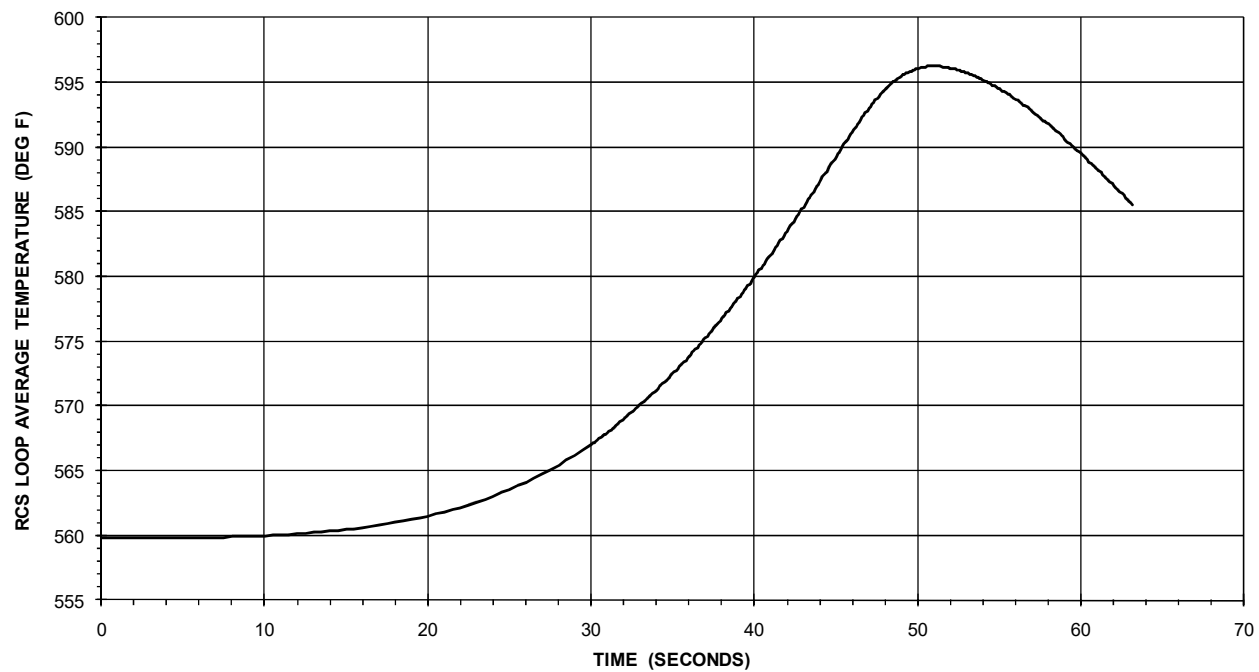
**Figure 15-67. Uncontrolled RCCA Bank Withdrawal at HZP**

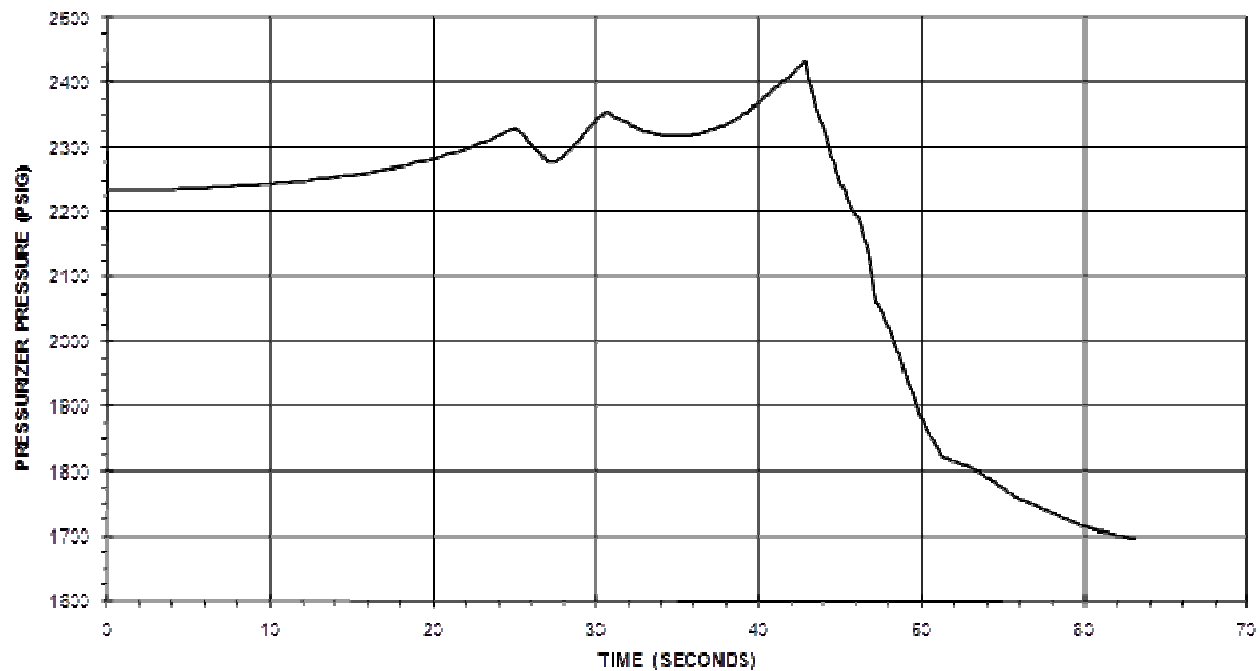
**Figure 15-68. Uncontrolled RCCA Bank Withdrawal at HZP**

**Figure 15-69. Uncontrolled RCCA Bank Withdrawal from 10% Power**



**Figure 15-70. Uncontrolled RCCA Bank Withdrawal from 10% Power**

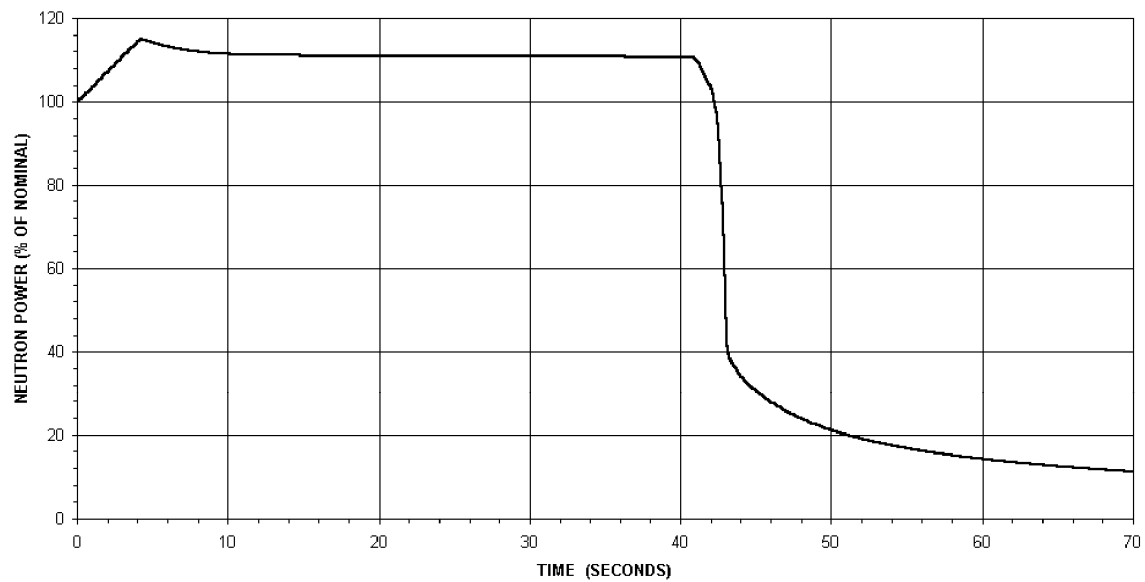
**Figure 15-71. Uncontrolled RCCA Bank Withdrawal from 10% Power**

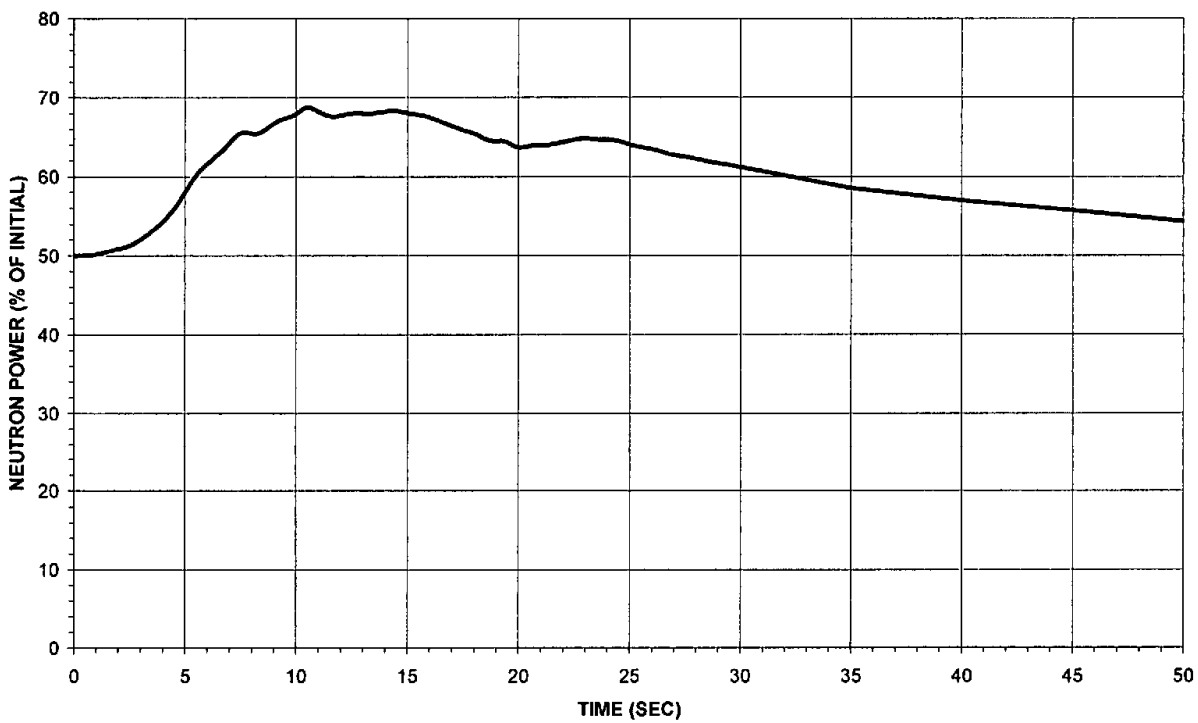
**Figure 15-72. Uncontrolled RCCA Bank Withdrawal from 10% Power**

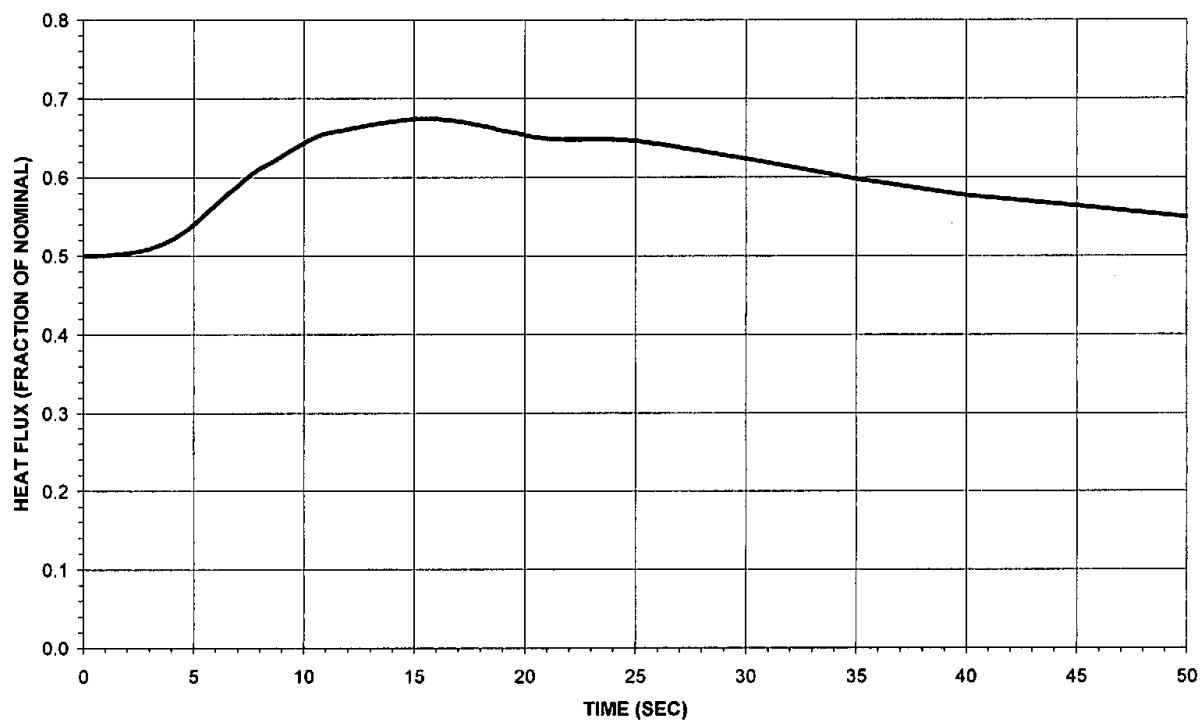
**Figure 15-73. Deleted per 2003 Update**

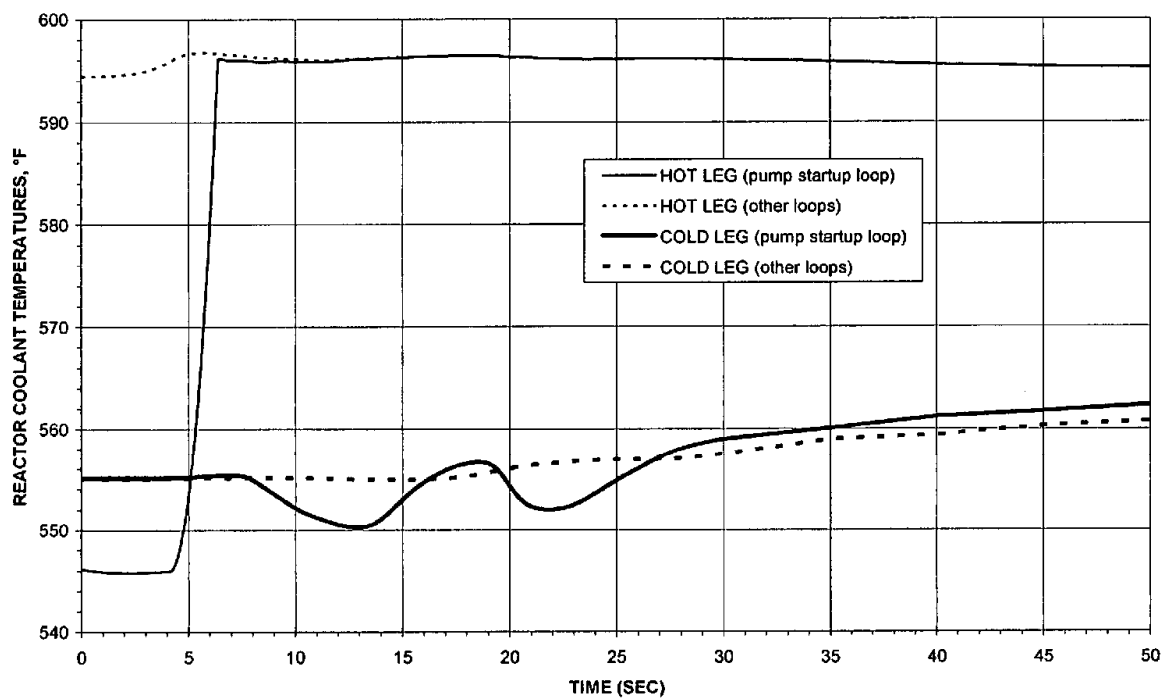
**Figure 15-74. Deleted per 2003 Update**

**Figure 15-75. Deleted per 2003 Update**

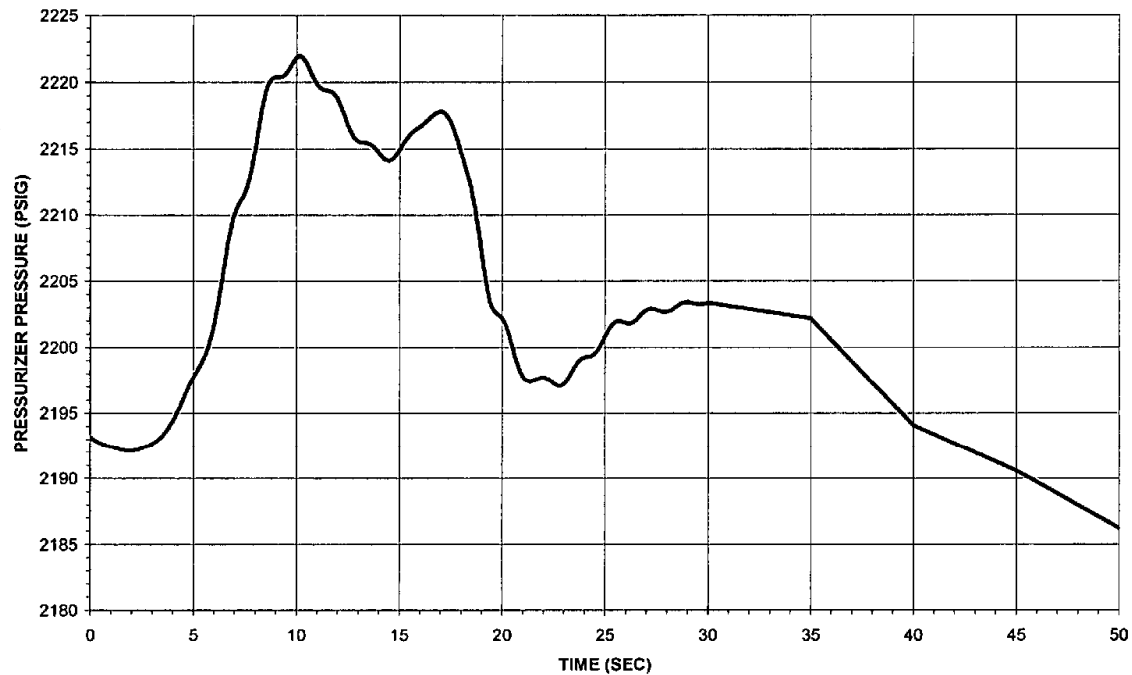
**Figure 15-76. Single RCCA Withdrawal**

**Figure 15-77. Startup of an Inactive Reactor Coolant Pump at an Incorrect Temperature**

**Figure 15-78. Startup of an Inactive Reactor Coolant Pump at an Incorrect Temperature**

**Figure 15-79. Startup of an Inactive Reactor Coolant Pump at an Incorrect Temperature**



**Figure 15-80. Startup of an Inactive Reactor Coolant Pump at an Incorrect Temperature**

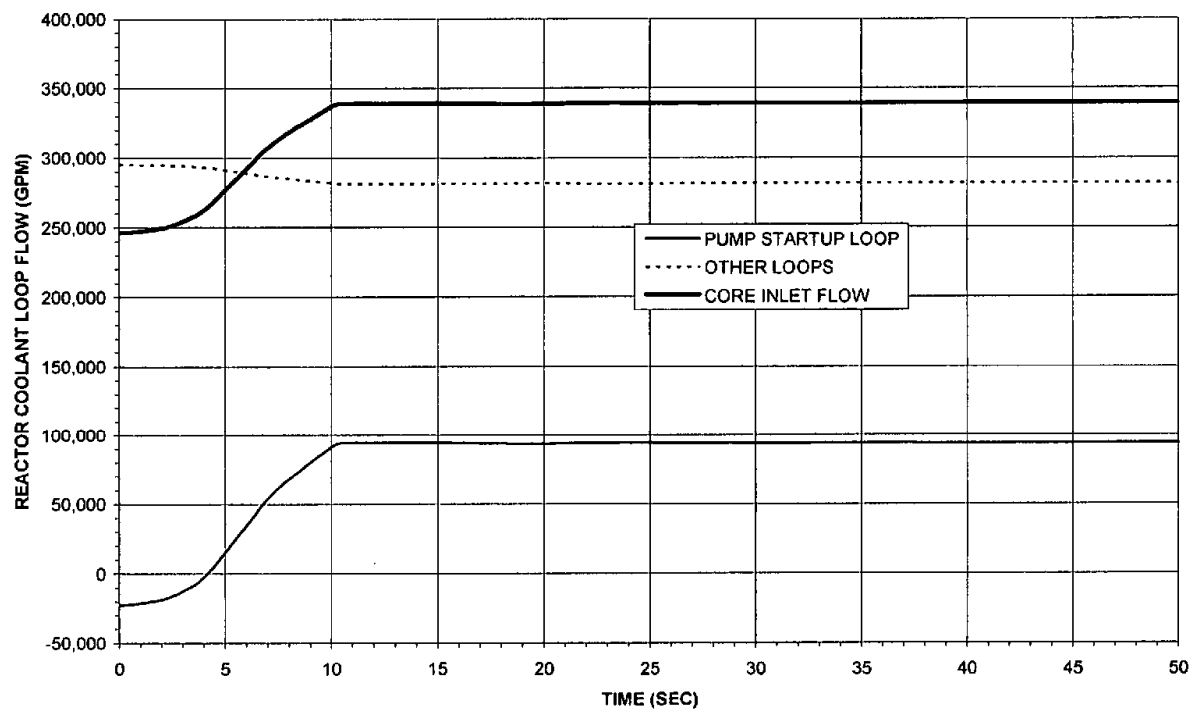
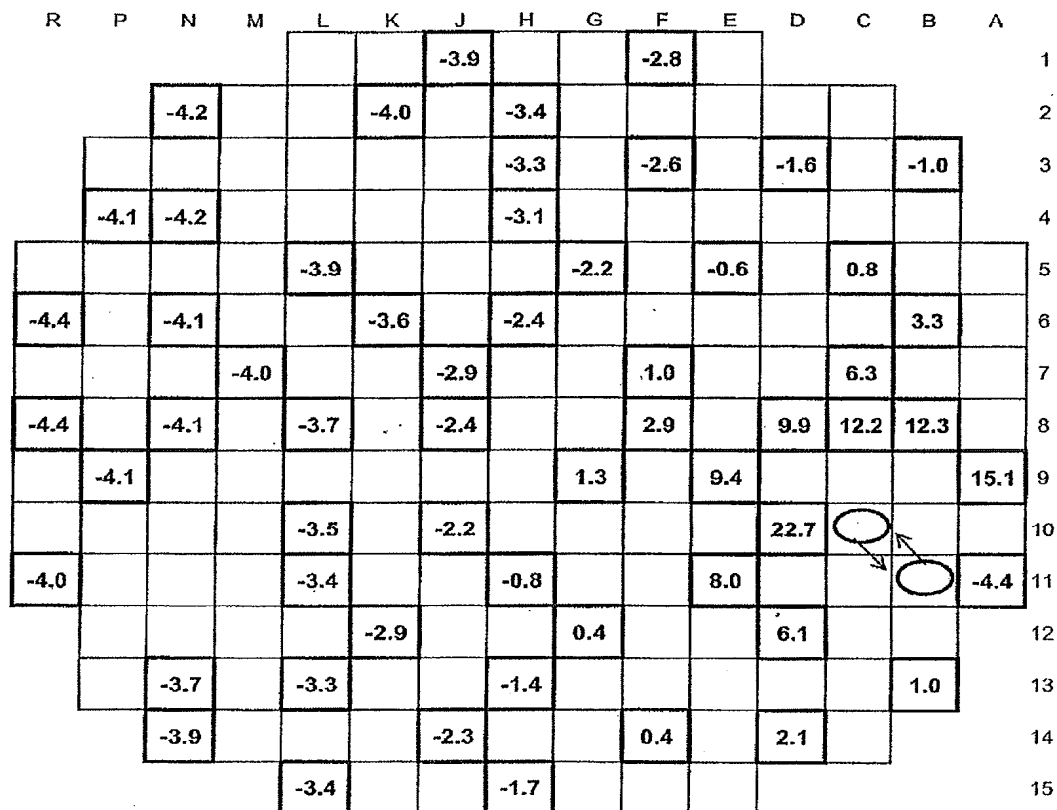
**Figure 15-81. Startup of an Inactive Reactor Coolant Pump at an Incorrect Temperature**

Figure 15-82. Interchange Between Region 1 and Region 3 Assembly

Figure 15-82

Case 1: Interchange of a feed assembly and a reinsert assembly at B11 and C10

Percent change of 2D assembly power from a correctly loaded core at low power, BOC



## instrumented location  
 non-instrumented location

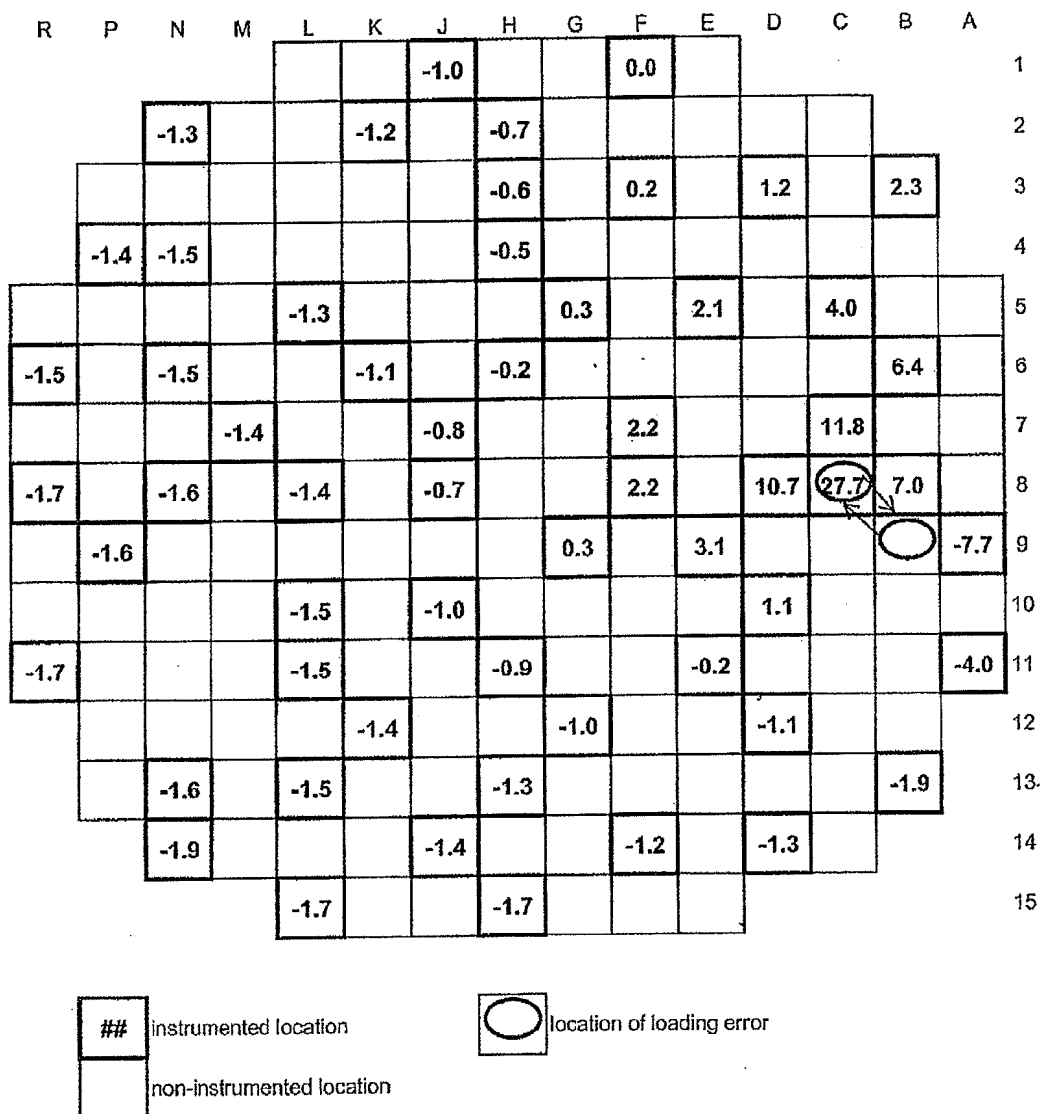
○ location of loading error

**Figure 15-83. Interchange Between Region 1 and Region 2 Assembly, Burnable Poison Rods Being Retained by the Region 2 Assembly**

Figure 15-83

Case 2A: Interchange of 2 feed assemblies with different burnable poisons at B09 and C08

Percent change of 2D assembly power from a correctly loaded core at low power, BOC

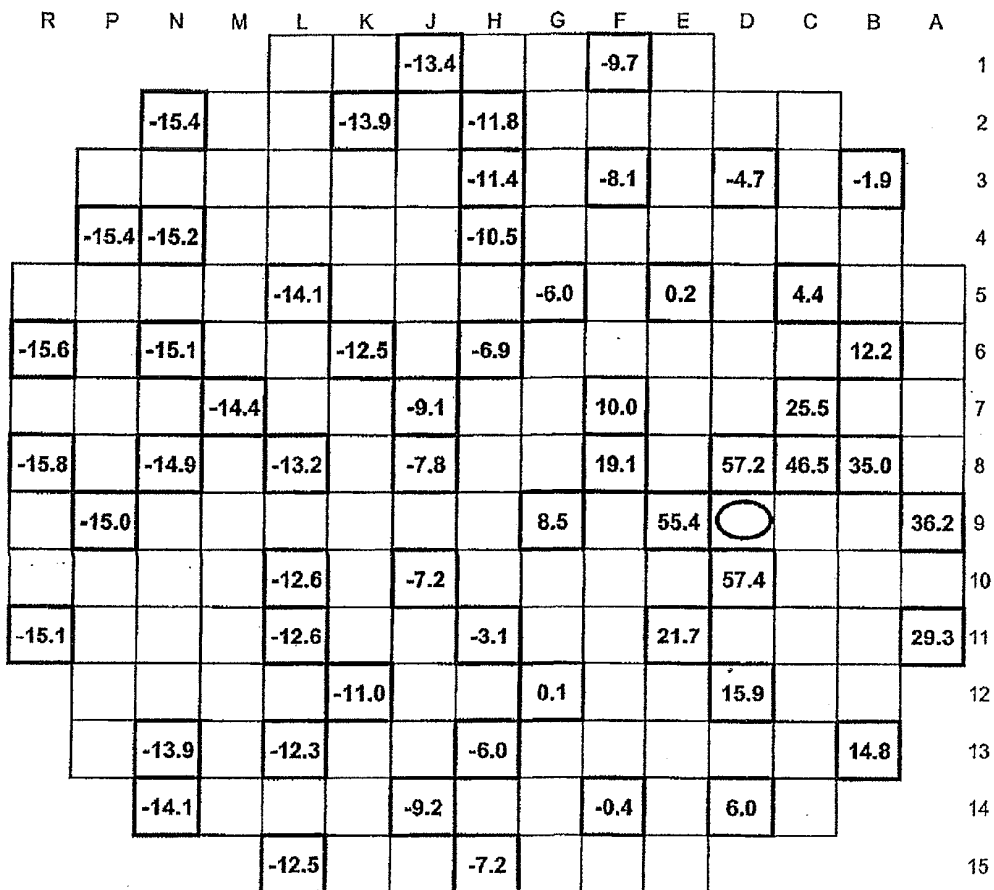


**Figure 15-84. Interchange Between Region 1 and Region 2 Assembly, Burnable Poison Rods Being Transferred to the Region 1 Assembly**

Figure 15-84

Case 2B: Incorrect burnable poisons (poisons omitted) in a feed assembly at D09

Percent change of 2D assembly power from a correctly loaded core at low power, BOC



## instrumented location  
 non-instrumented location

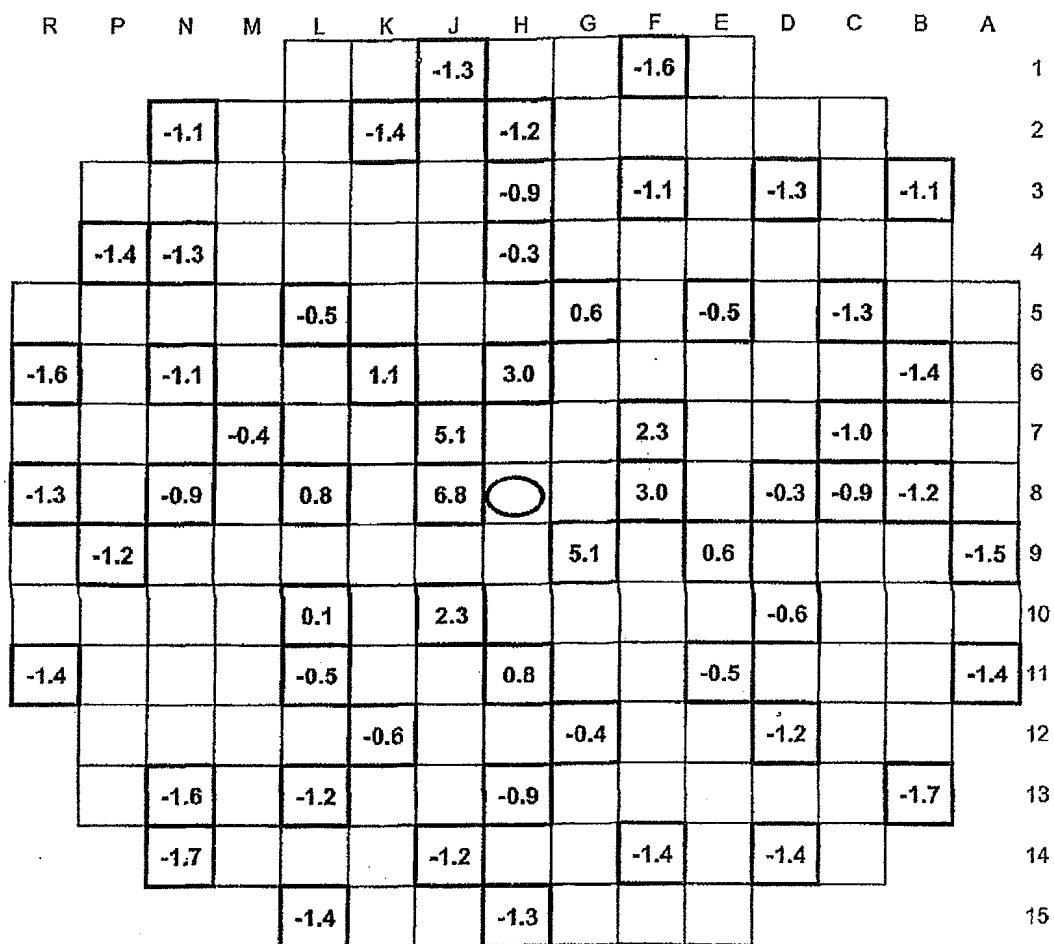
○ location of loading error

Figure 15-85. Enrichment Error: A Region 2 Assembly Loaded into the Core Central Position

Figure 15-85

Case 3: An enrichment error in a feed assembly at H-08

Percent change of 2D assembly power from a correctly loaded core at low power, BOC



## instrumented location  
 non-instrumented location


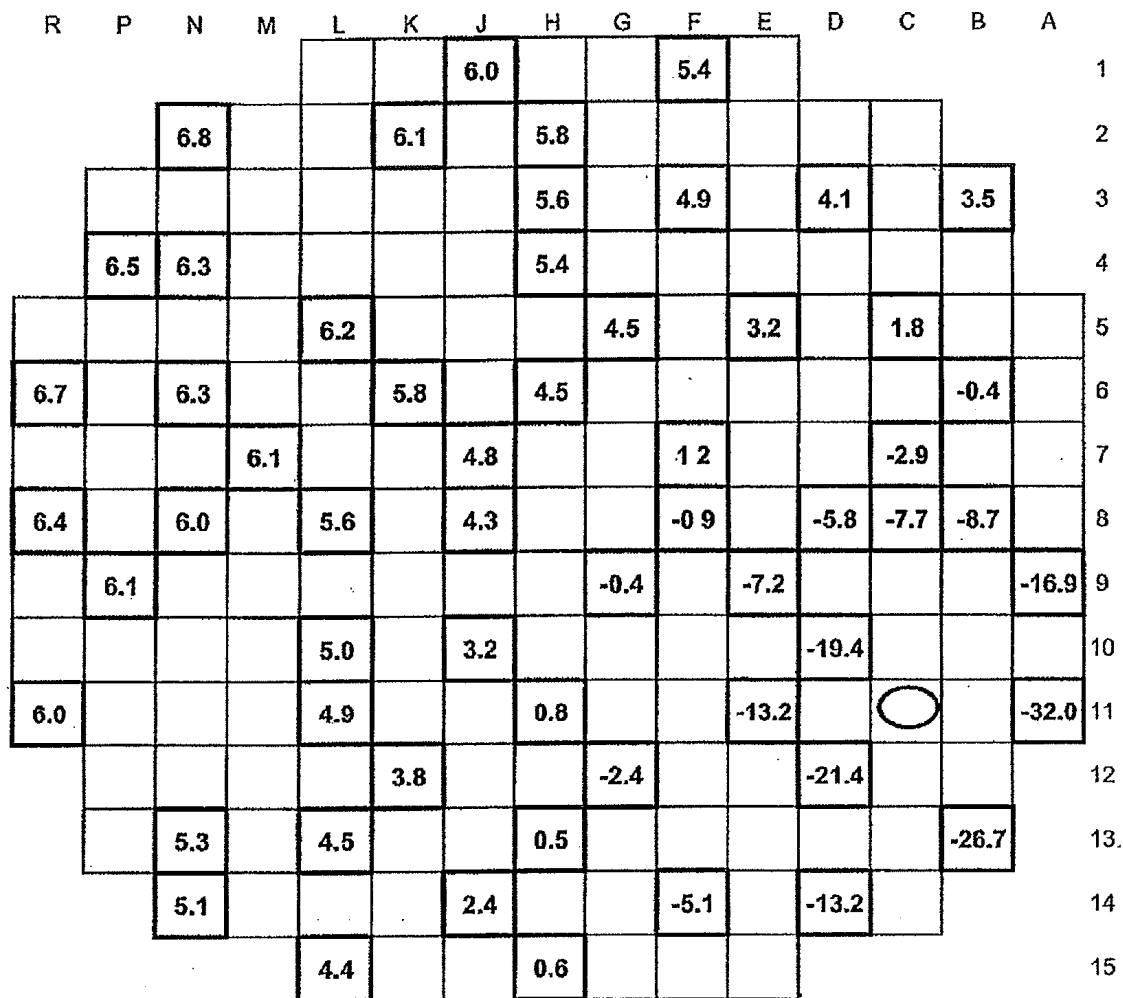
 location of loading error

Figure 15-86. Loading a Region 2 Assembly into a Region 1 Position Near Core Periphery


Figure 15-86

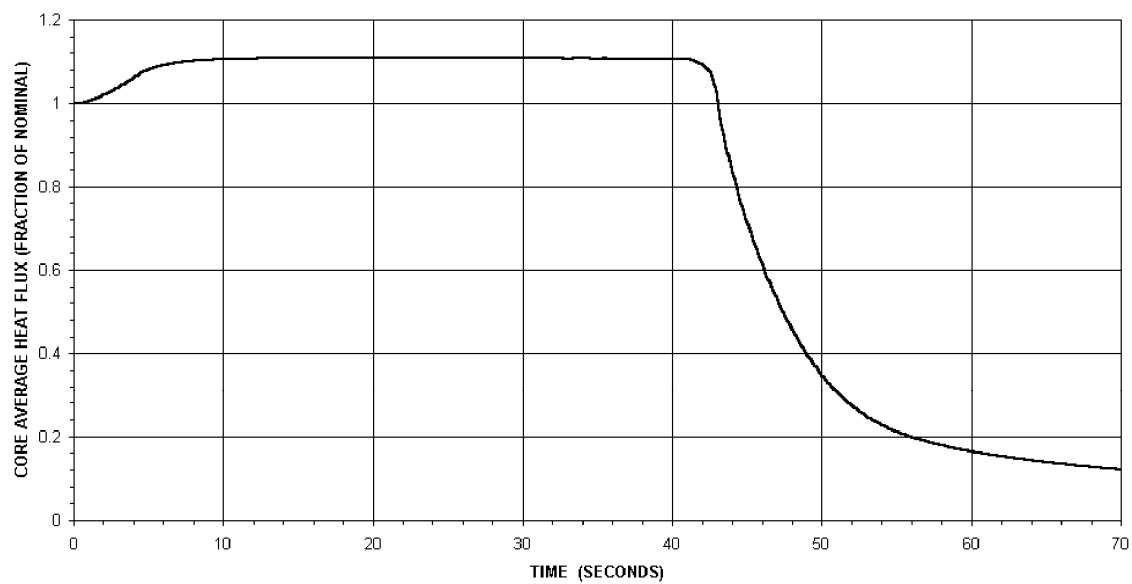
Case 4: A feed assembly is replaced with discharged assembly at C11

Percent change of 2D assembly power from a correctly loaded core at low power, BOC

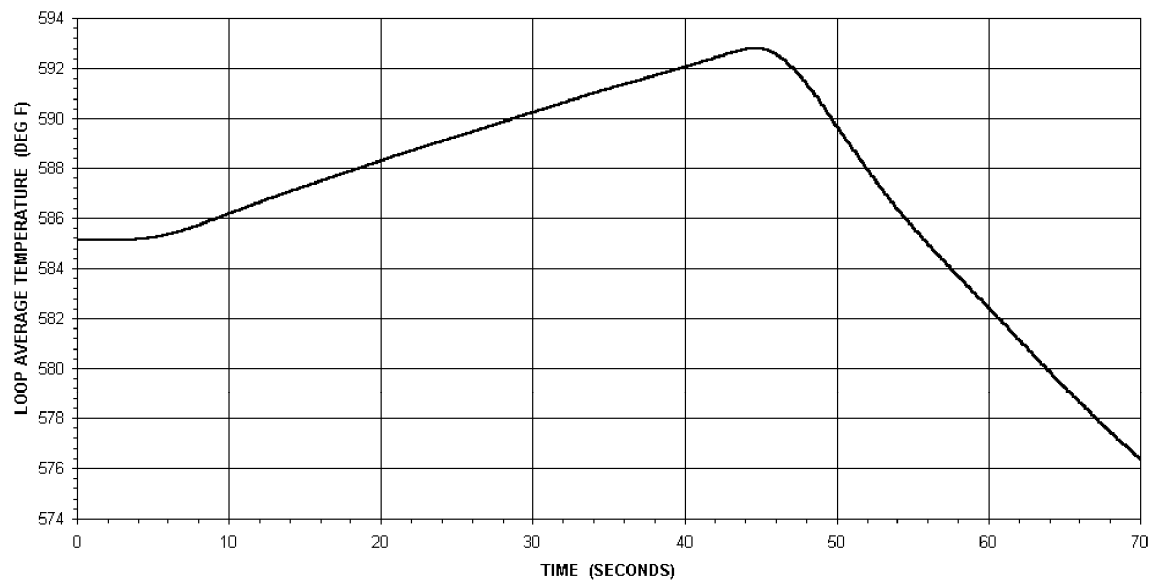


## instrumented location  
 non-instrumented location

 location of loading error

**Figure 15-87. Single RCCA Withdrawal**



**Figure 15-88. Single RCCA Withdrawal**

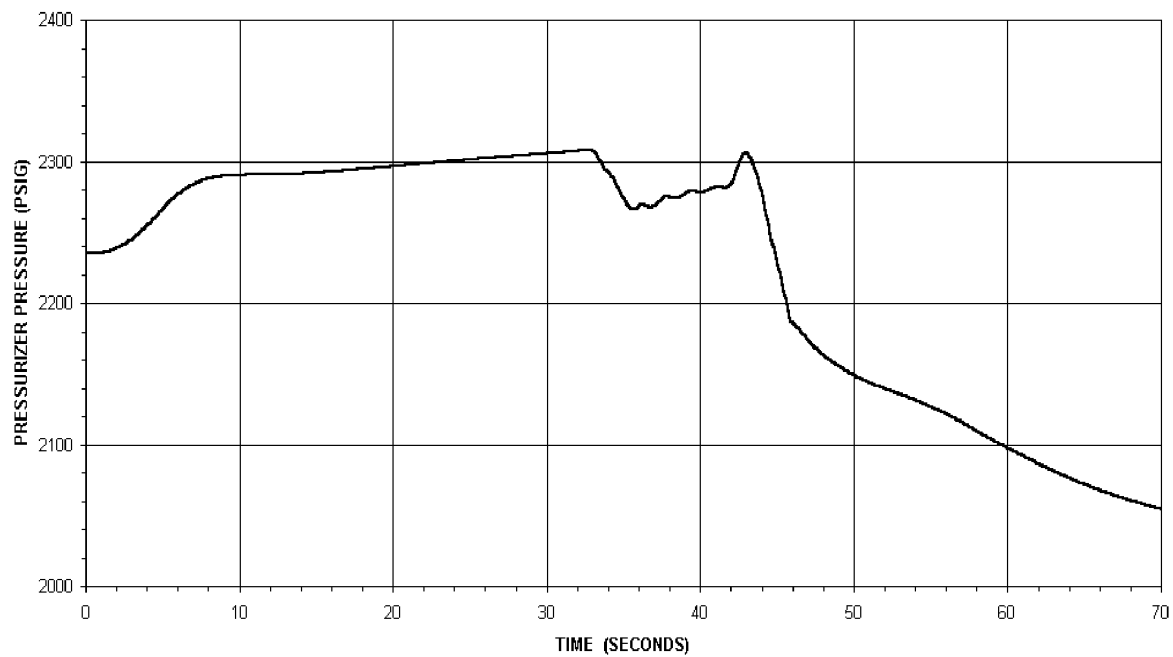
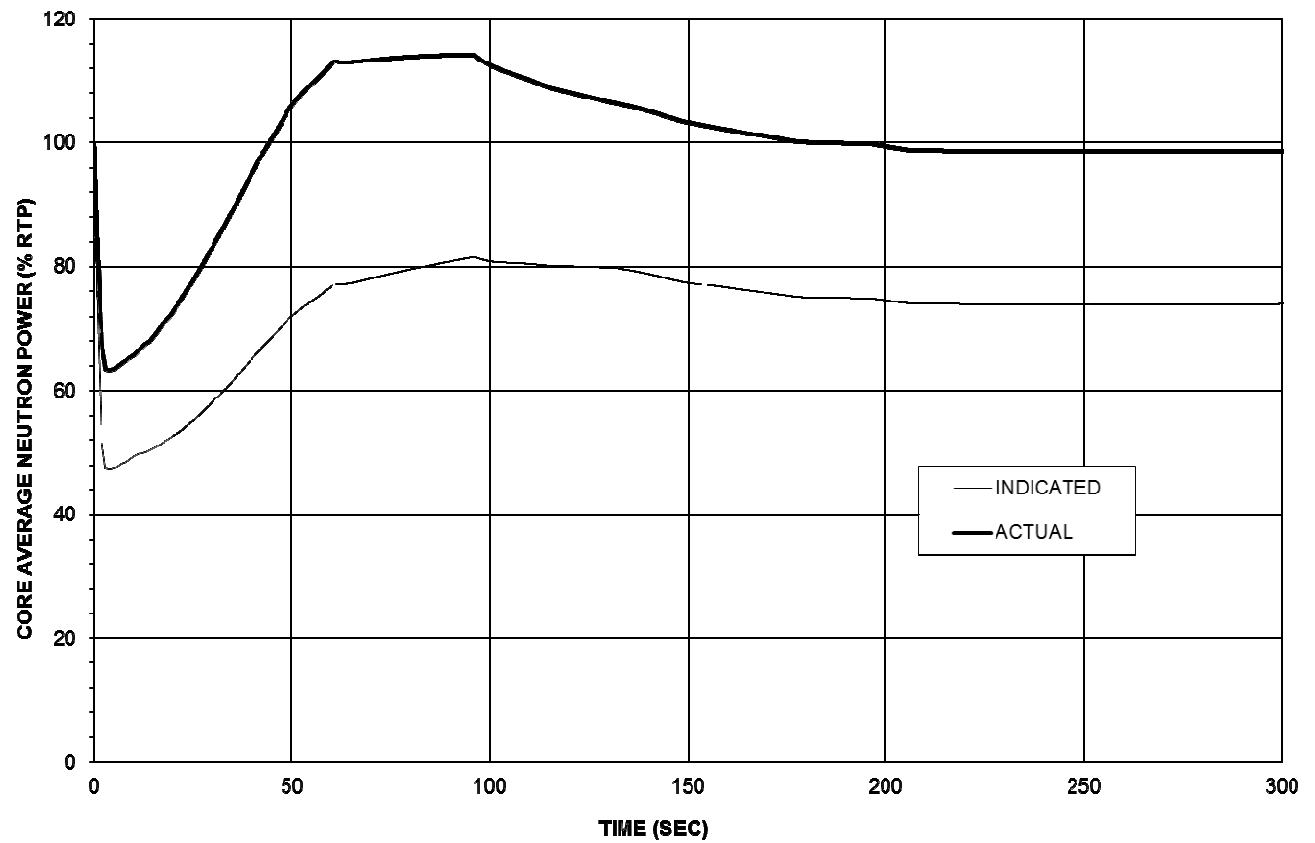
**Figure 15-89. Single RCCA Withdrawal**

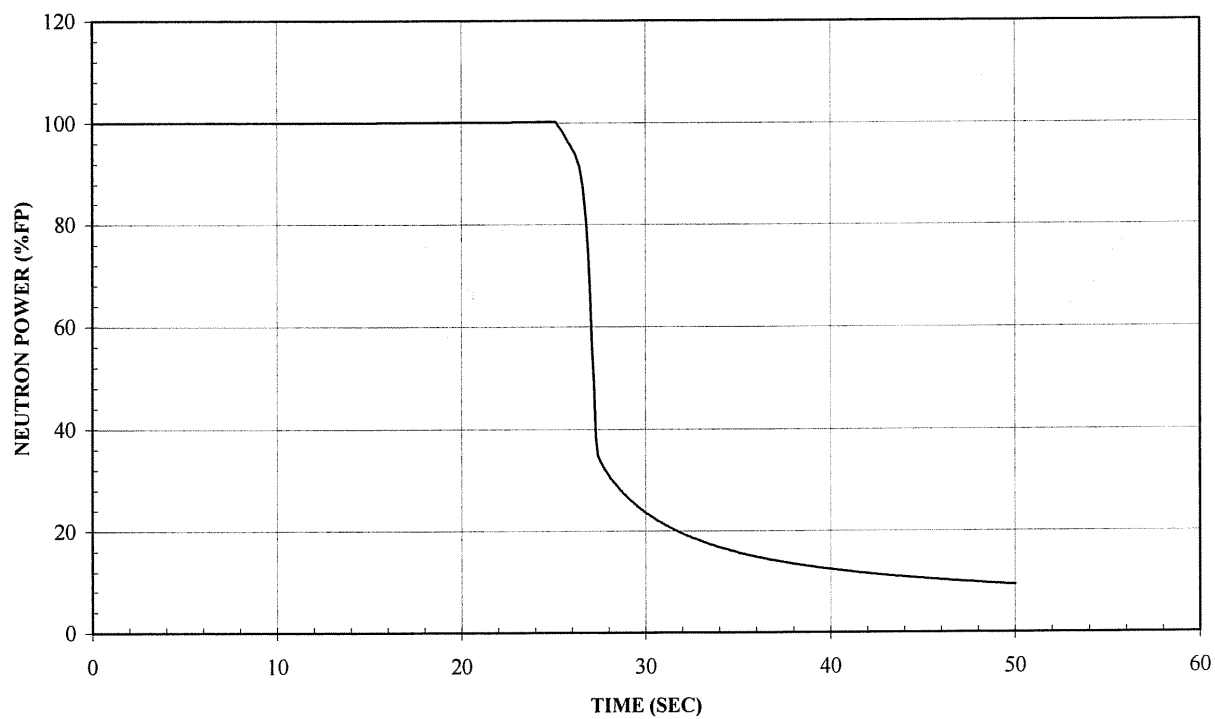
Figure 15-90. Dropped Rod Accident

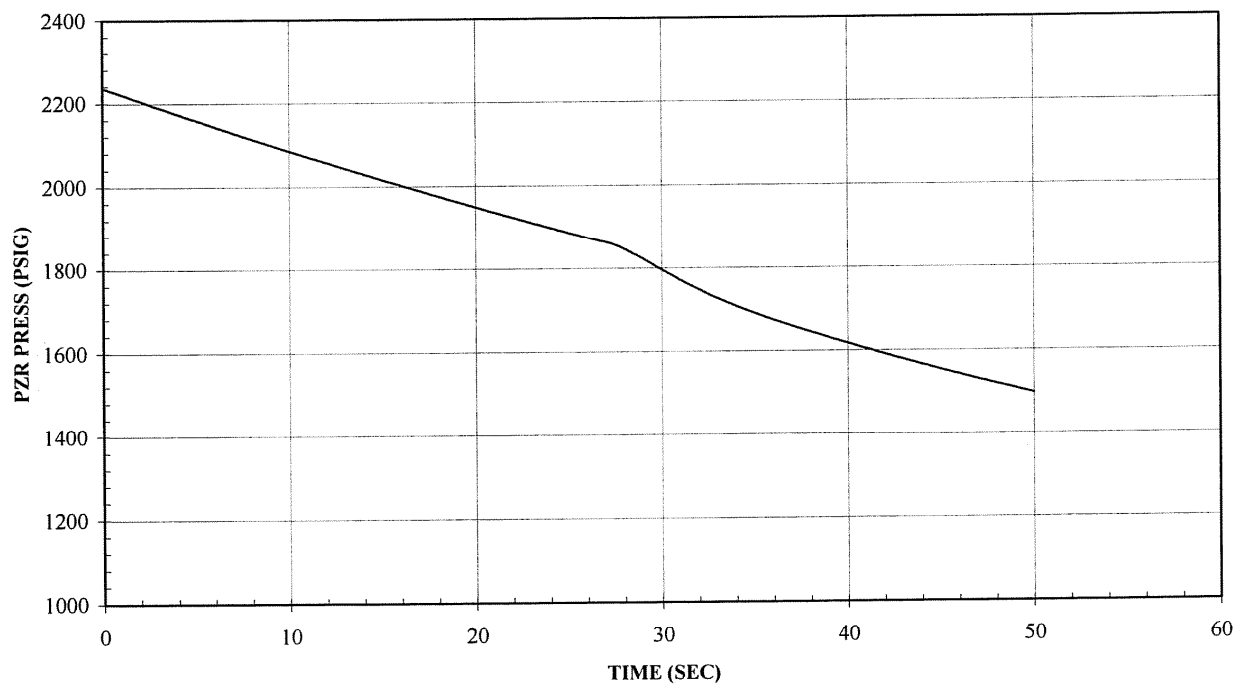


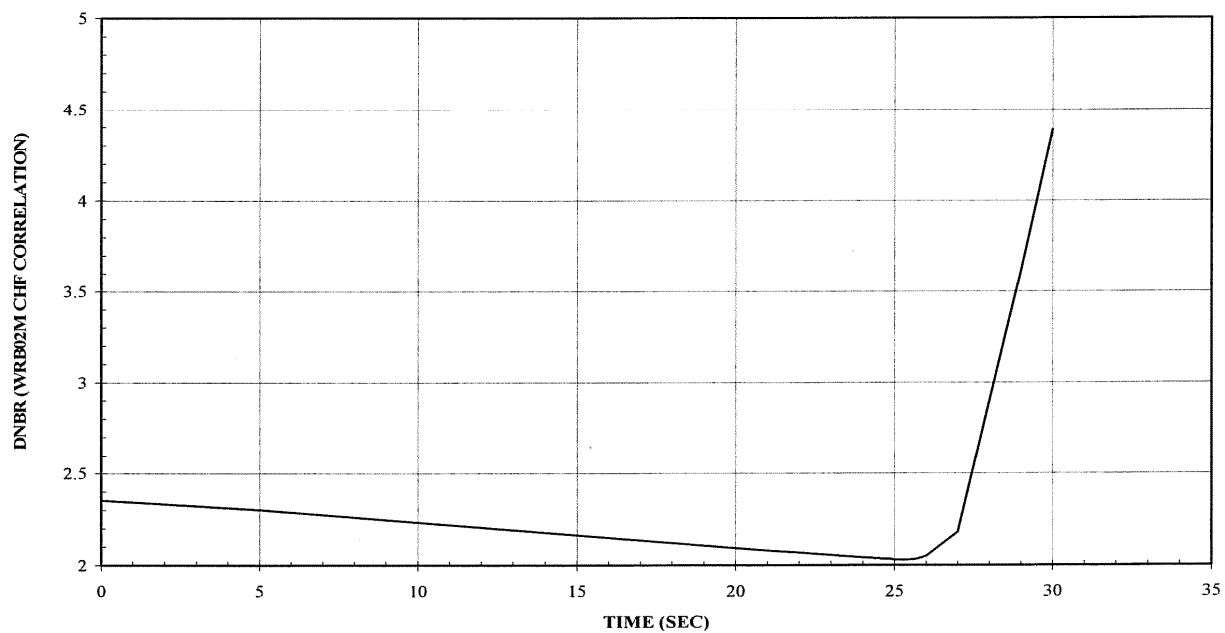
**Figure 15-91. Deleted Per 1998 Update.**

**Figure 15-92. Deleted Per 1998 Update.**

**Figure 15-93. Deleted Per 1998 Update.**

**Figure 15-94. Inadvertent Opening of a Pressurizer Safety Valve**



**Figure 15-95. Inadvertent Opening of a Pressurizer Safety Valve**

(13 APR 2008)

Figure 15-96. Deleted Per 1998 Update.

Figure 15-97. Deleted Per 2001 Update.

Figure 15-98. Deleted Per 1996 Update.

Figure 15-99. Deleted Per 1998 Update.

Figure 15-100. Deleted Per 1996 Update.

Figure 15-101. Deleted Per 1996 Update.

Figure 15-102. Deleted Per 1996 Update.

Figure 15-103. Deleted Per 1996 Update.

Figure 15-104. Deleted Per 1996 Update.

Figure 15-105. Deleted Per 1996 Update.

Figure 15-106. Deleted Per 1996 Update.

Figure 15-107. Deleted Per 1996 Update.

Figure 15-108. Deleted Per 1996 Update.

Figure 15-109. Deleted Per 1996 Update.

Figure 15-110. Deleted Per 1996 Update.

Figure 15-111. Deleted Per 1996 Update.

Figure 15-112. Deleted Per 1996 Update.

Figure 15-113. Deleted Per 1996 Update.



Figure 15-114. Deleted Per 1996 Update.

Figure 15-115. Deleted Per 1996 Update.

Figure 15-116. Deleted Per 1996 Update.

Figure 15-117. Deleted Per 1996 Update.

Figure 15-118. Deleted Per 1996 Update.

Figure 15-119. Deleted Per 1996 Update.

Figure 15-120. Deleted Per 1996 Update.

Figure 15-121. Deleted Per 1996 Update.

Figure 15-122. Deleted Per 1996 Update.

Figure 15-123. Deleted Per 1996 Update.

Figure 15-124. Deleted Per 1996 Update.

Figure 15-125. Deleted Per 1996 Update.

Figure 15-126. Deleted Per 1996 Update.

Figure 15-127. Deleted Per 1996 Update.

Figure 15-128. Deleted Per 1996 Update.

Figure 15-128. Deleted Per 1996 Update.

Figure 15-130. Deleted Per 1996 Update.

Figure 15-131. Deleted Per 1996 Update.

Figure 15-132. Deleted Per 1996 Update.

Figure 15-133. Deleted Per 2001 Update.

Figure 15-134. Deleted Per 1998 Update.

Figure 15-135. Deleted Per 1996 Update.

Figure 15-136. Deleted Per 1996 Update.

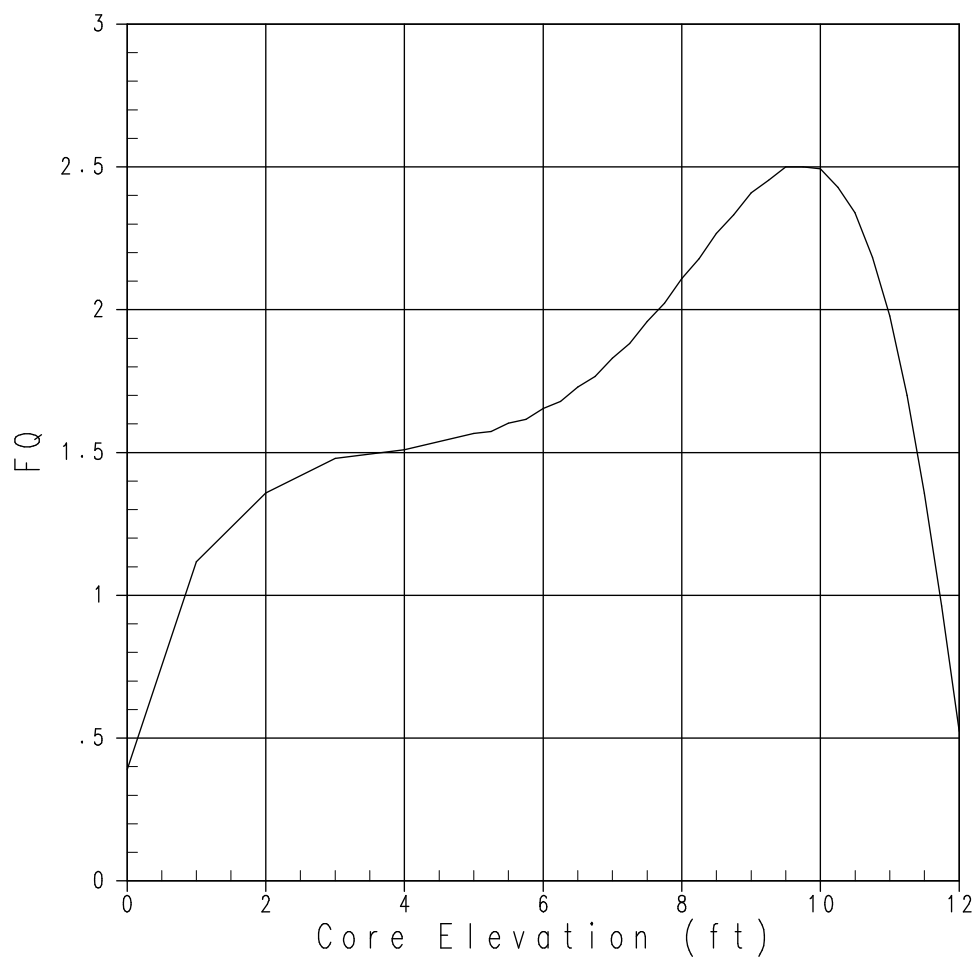
**Figure 15-137. Small Break Power Distribution Assumed for LOCA Analysis**

Figure 15-138. Deleted Per 1998 Update

Figure 15-139. Deleted Per 2001 Update

Figure 15-140. Deleted Per 1998 Update

Figure 15-141. Deleted Per 1998 Update

Figure 15-142. Deleted Per 1998 Update

Figure 15-143. Deleted Per 1998 Update

Figure 15-144. Deleted Per 1998 Update

Figure 15-145. Deleted Per 1998 Update

Figure 15-146. Deleted Per 1998 Update

Figure 15-147. Deleted Per 1998 Update

Figure 15-148. Deleted Per 1998 Update

Figure 15-149. Deleted Per 1998 Update

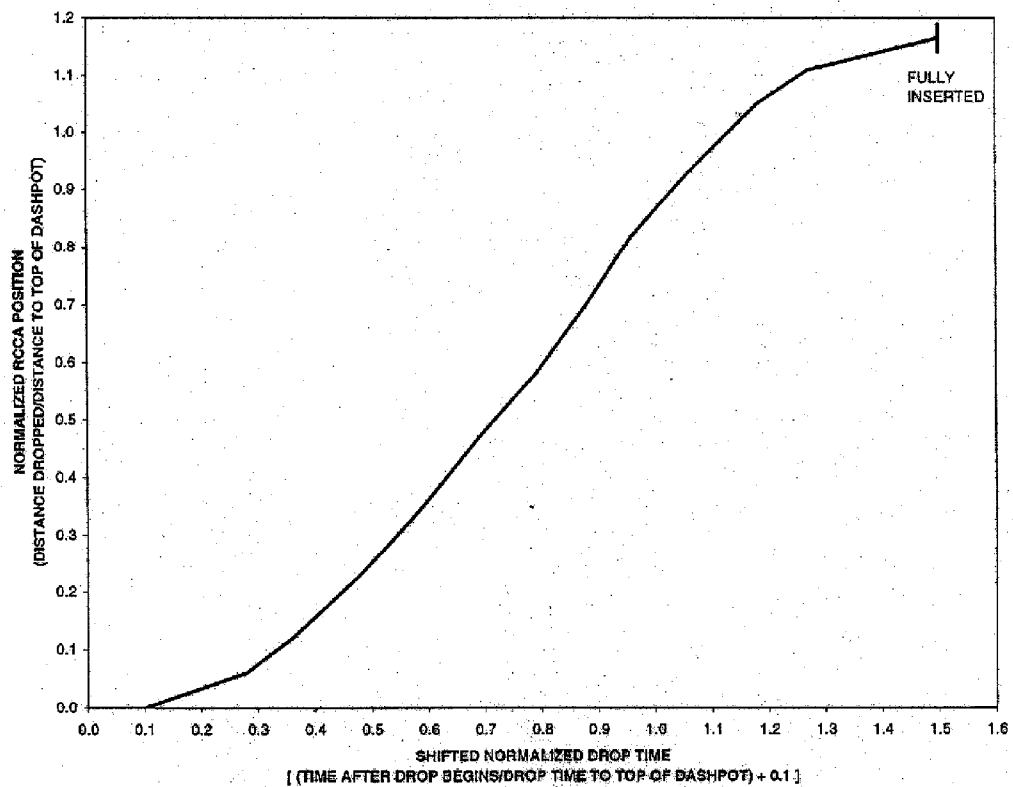
Figure 15-150. Deleted Per 1998 Update

Figure 15-151. Deleted Per 1998 Update

Figure 15-152. Deleted Per 1994 Update

Figure 15-153. Deleted Per 1994 Update

Figure 15-154. RCCA Position Versus Time to Dashpot



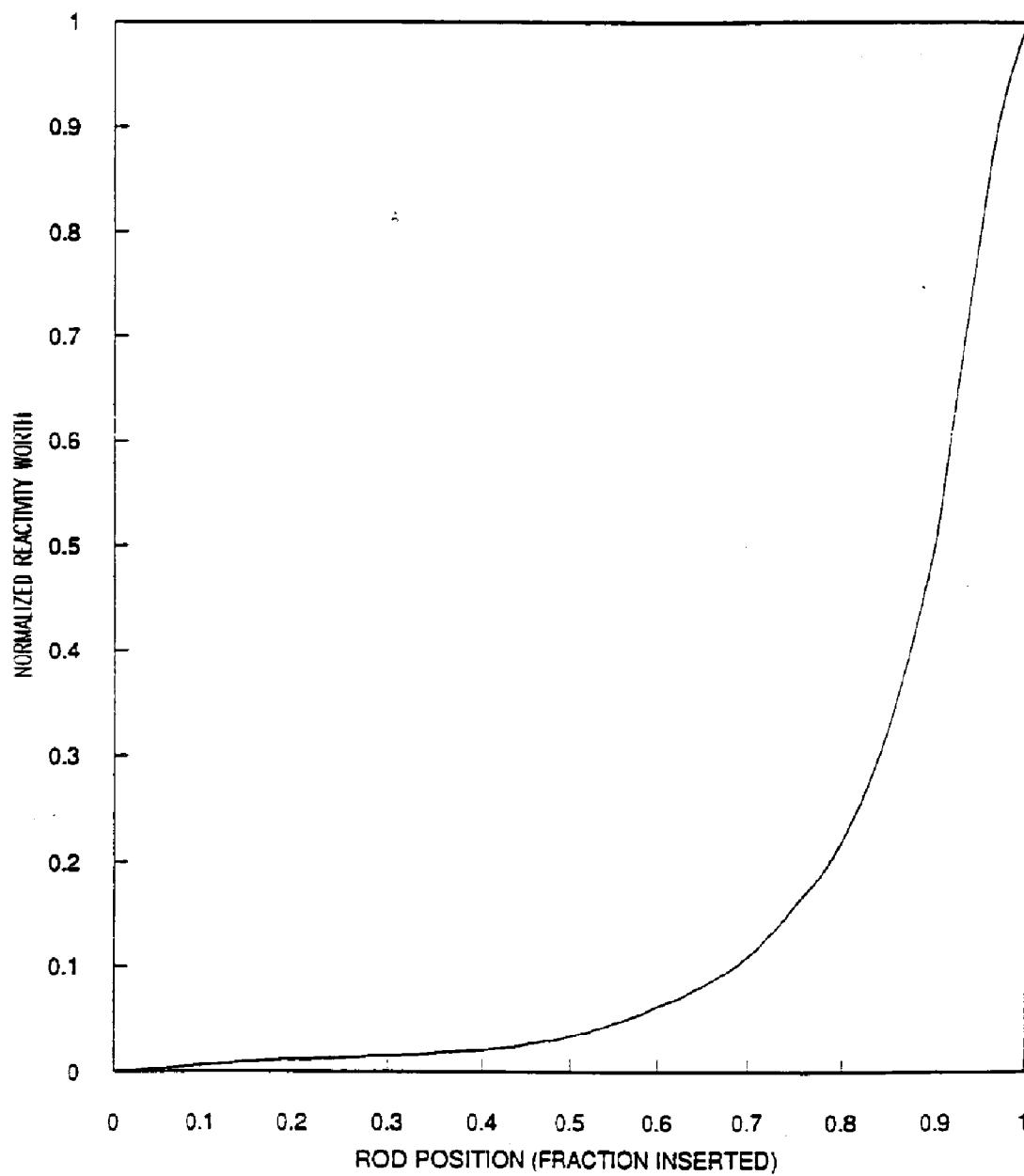
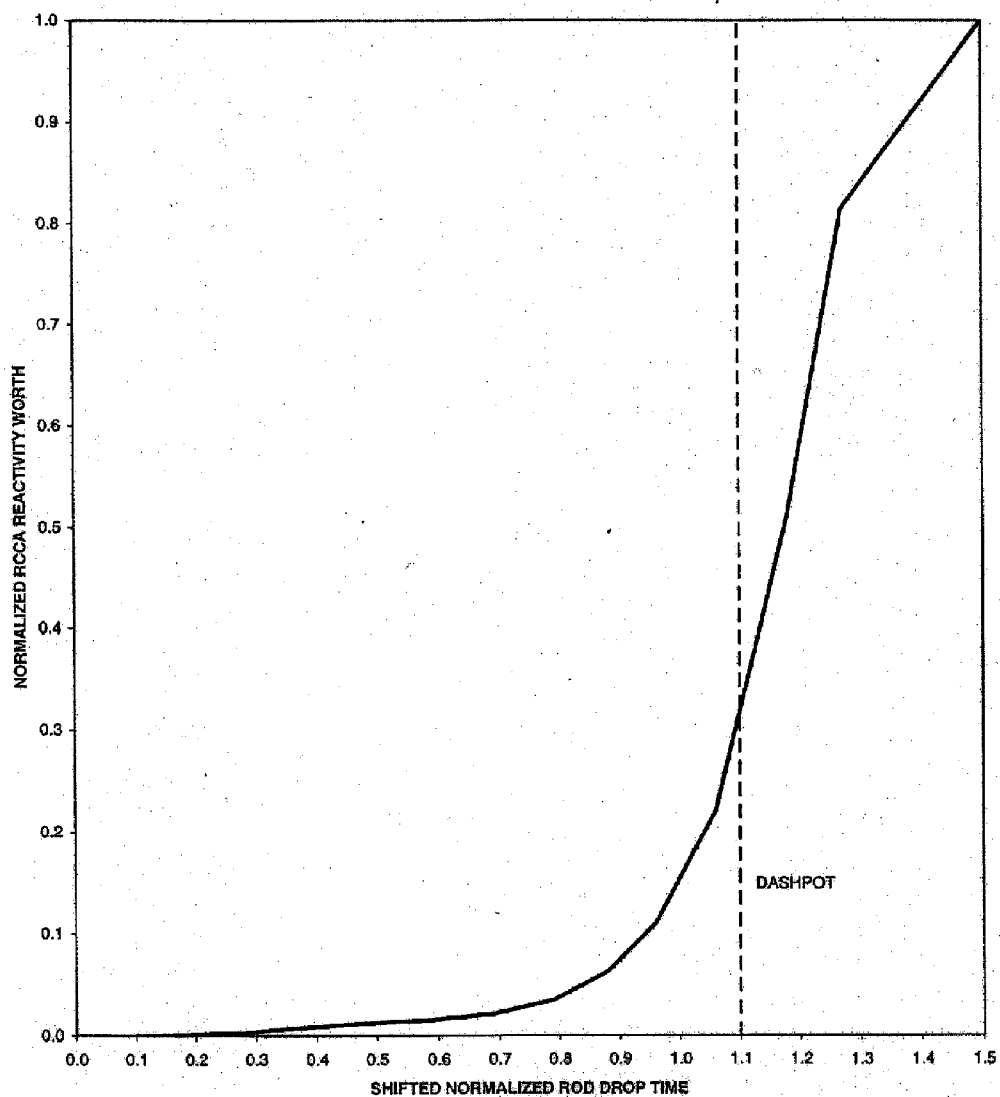
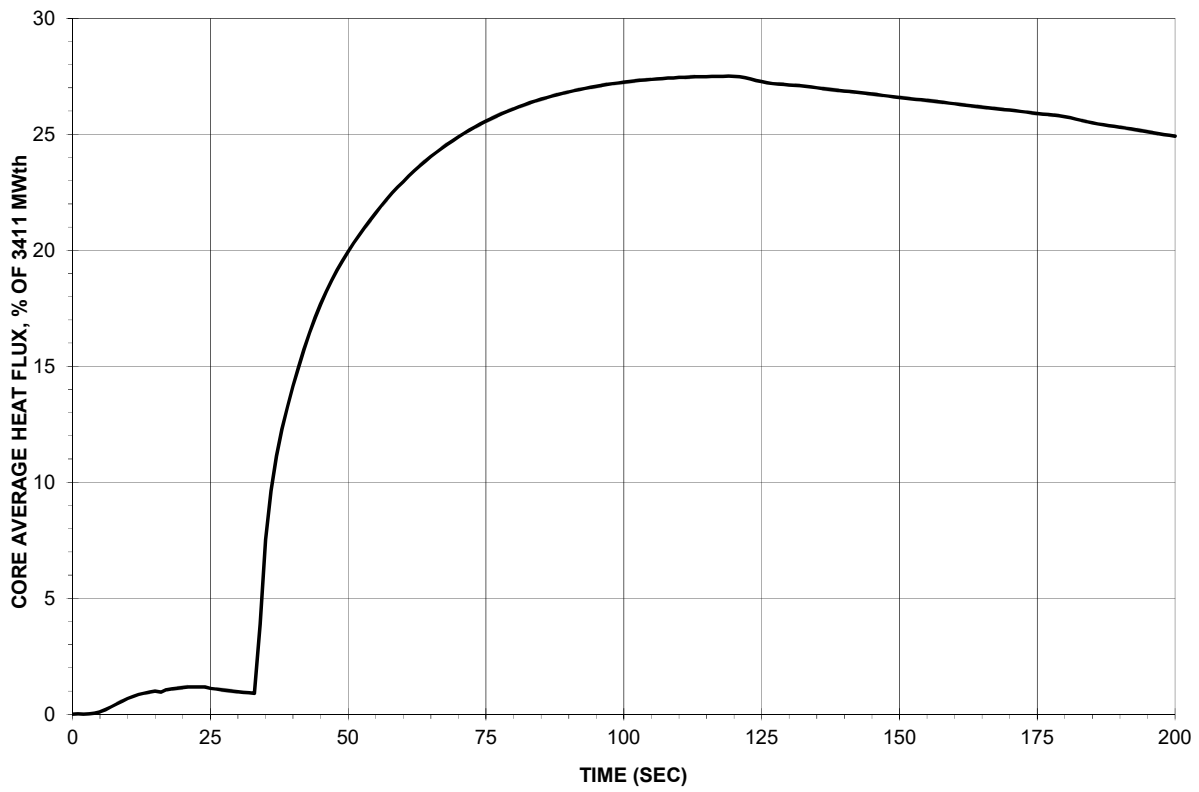
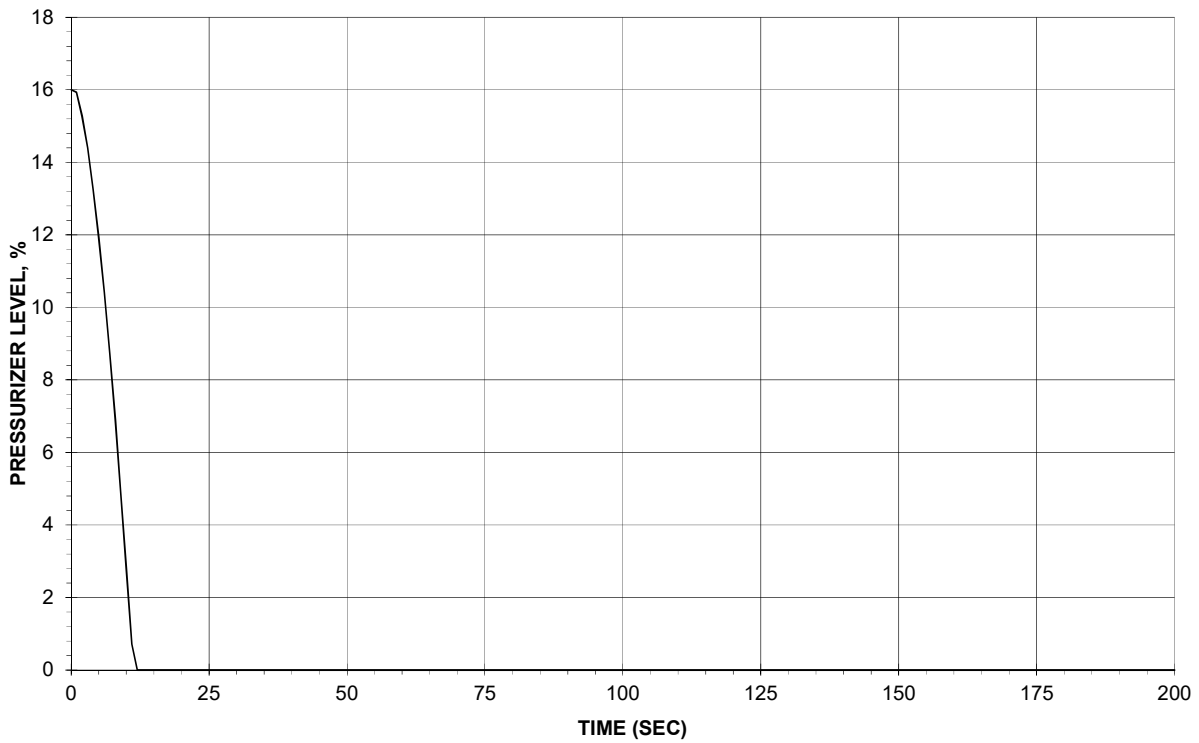
**Figure 15-155. Normalized Rod Worth Versus Percent Inserted**

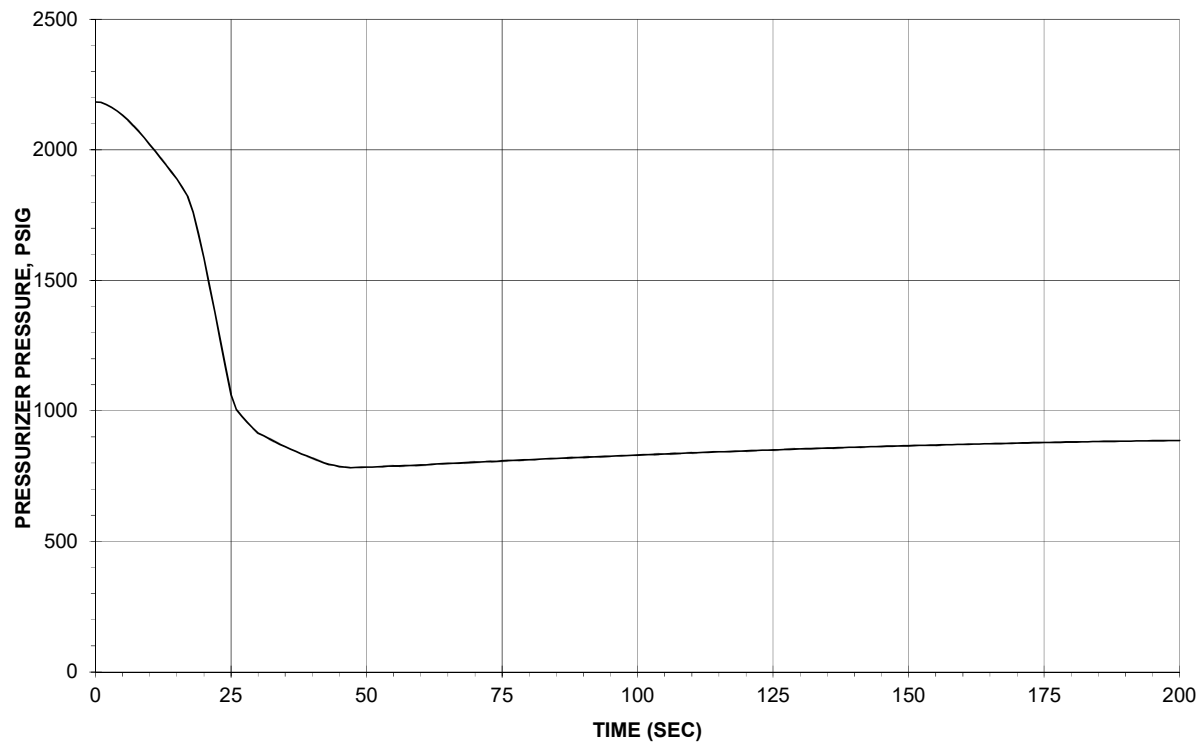
Figure 15-156. Normalized RCCA Bank Reactivity Worth Versus Normalized Drop Time

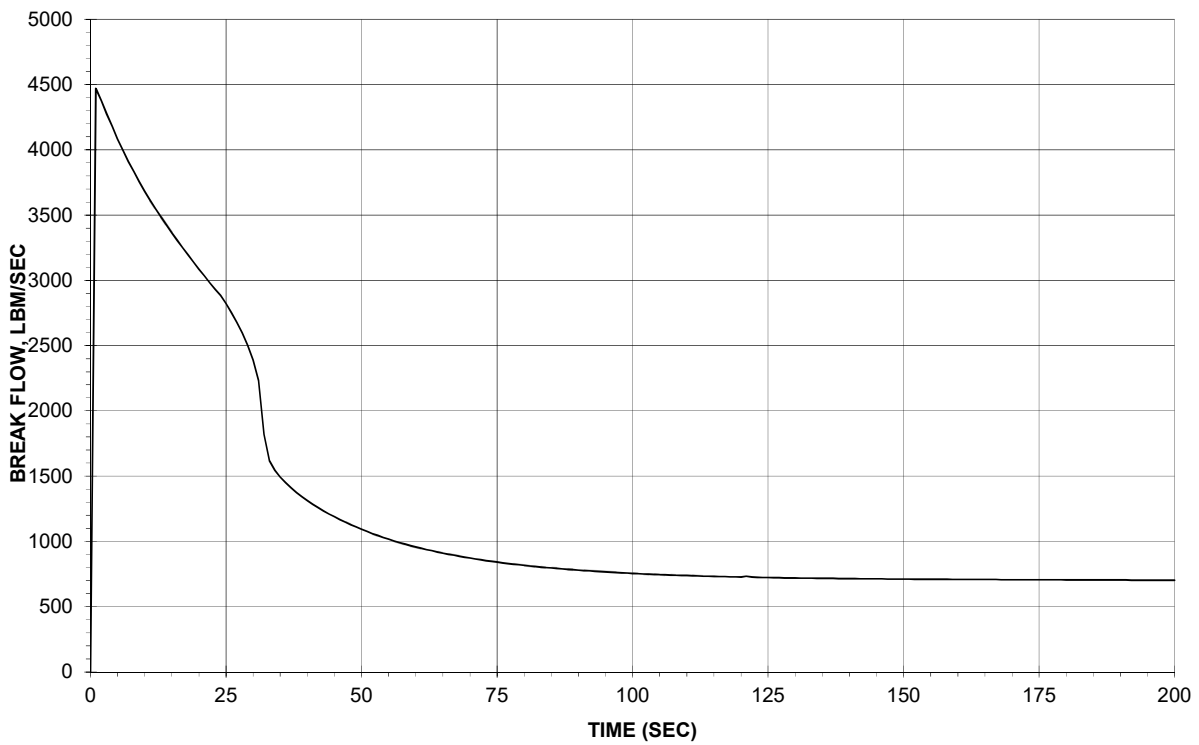


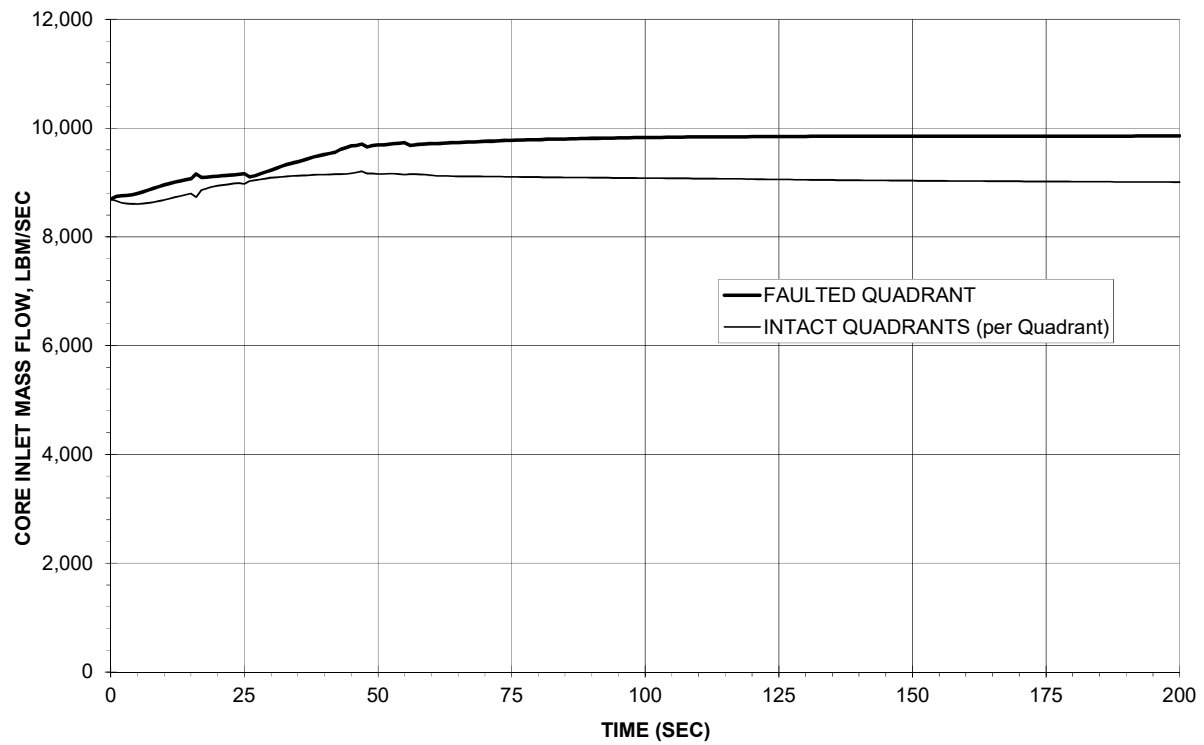
**Figure 15-157. Steamline Break Offsite Power Maintained**

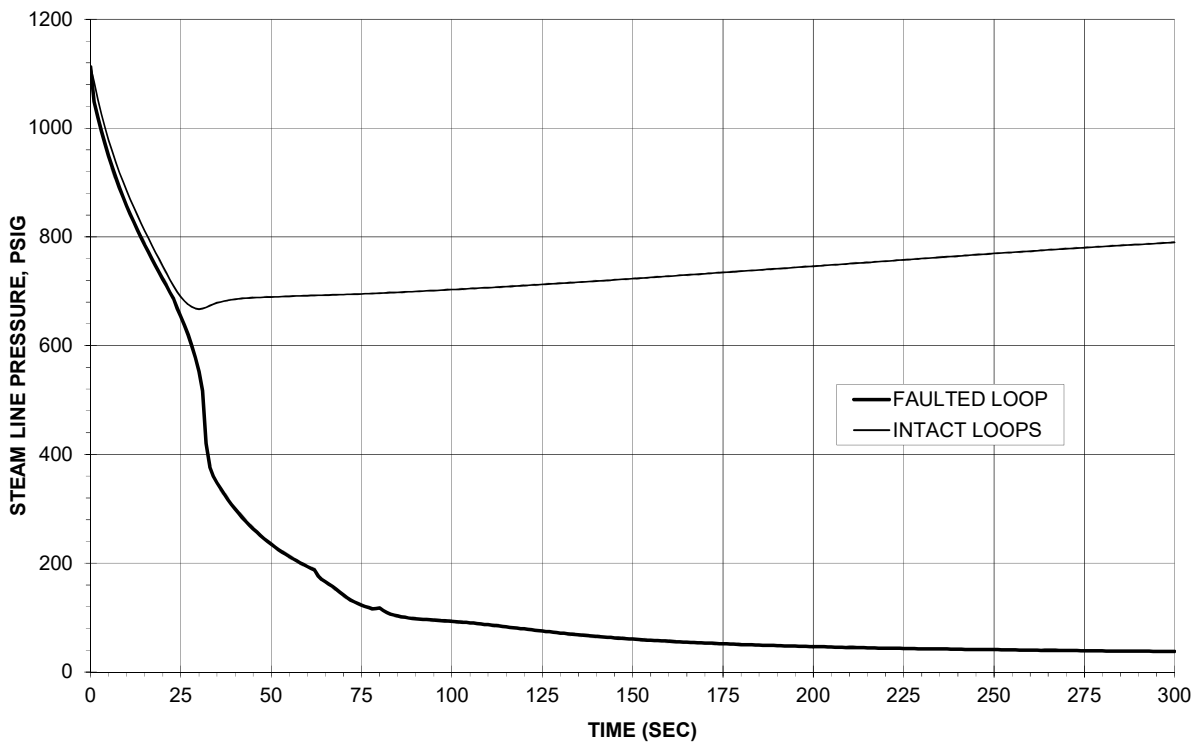


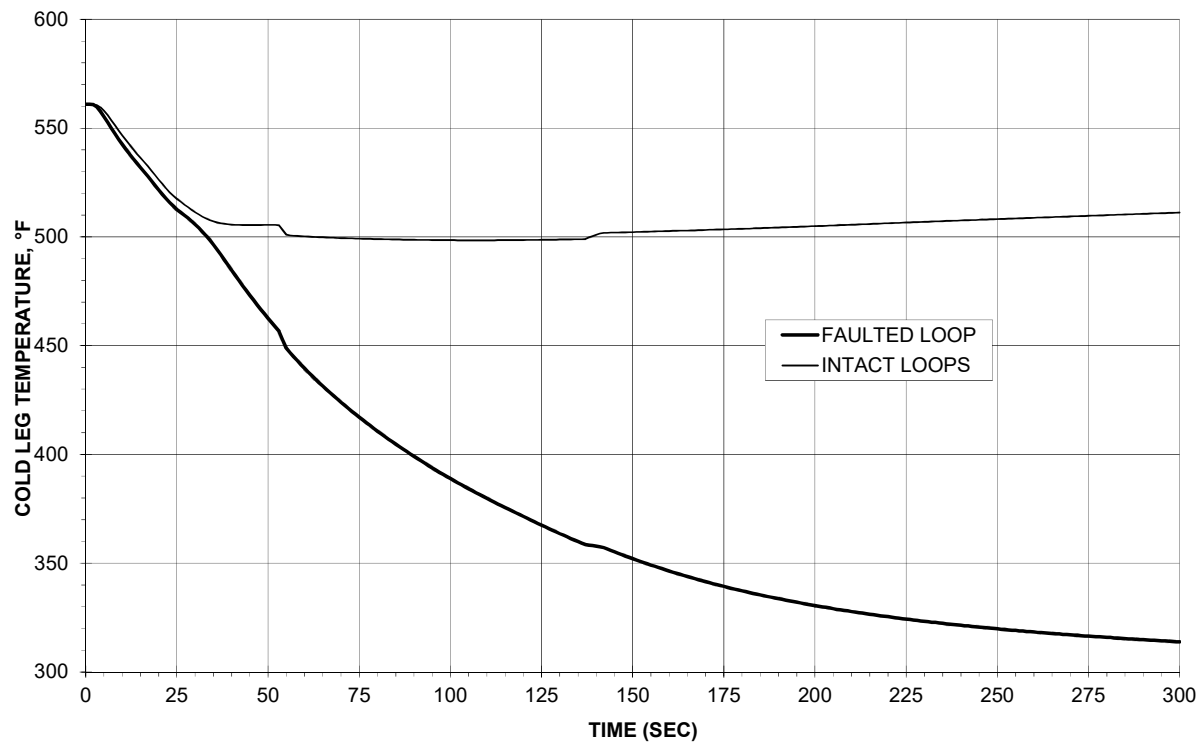
**Figure 15-158. Steamline Break Offsite Power Maintained**

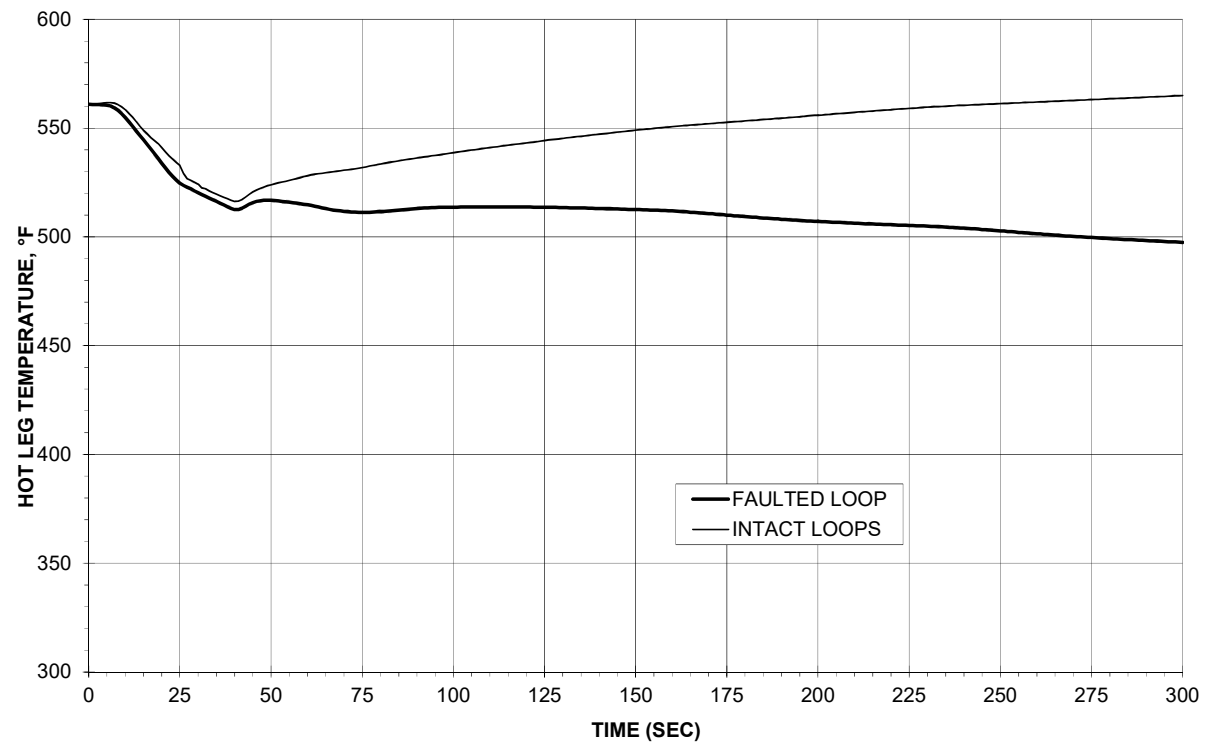
**Figure 15-159. Steamline Break Offsite Power Maintained**

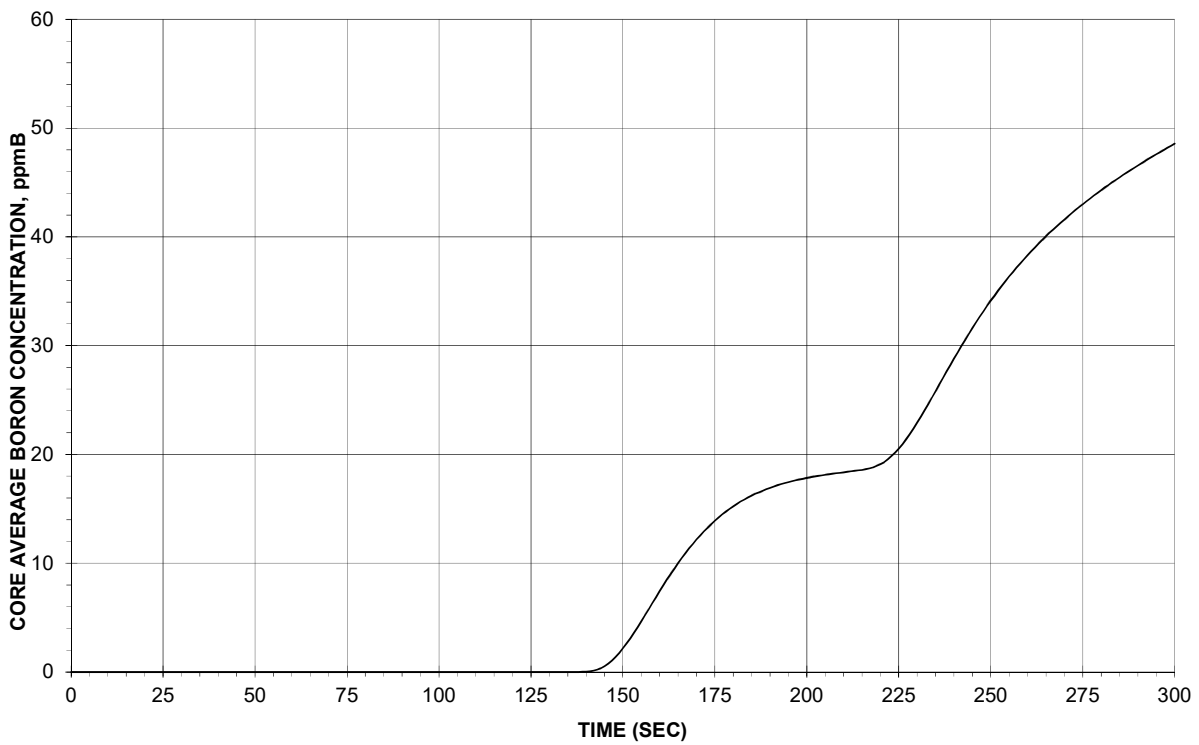
**Figure 15-160. Steamline Break Offsite Power Maintained**

**Figure 15-161. Steamline Break Offsite Power Maintained**

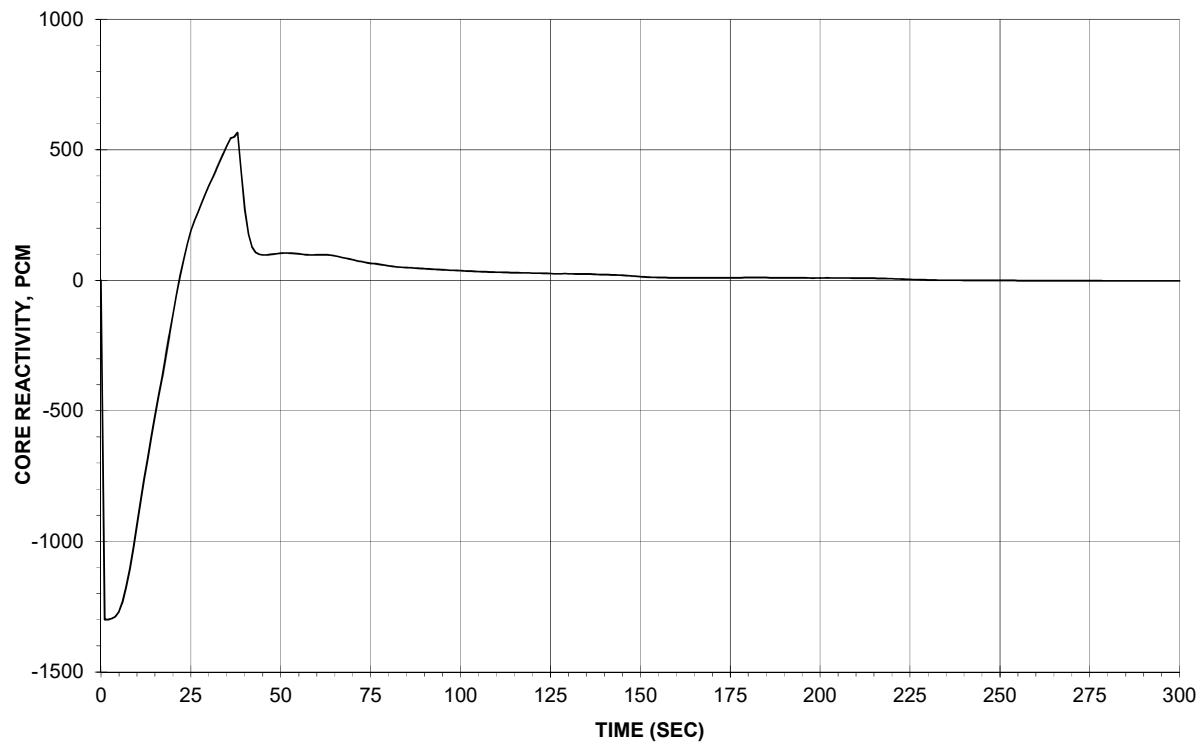
**Figure 15-162. Steamline Break Offsite Power Lost**

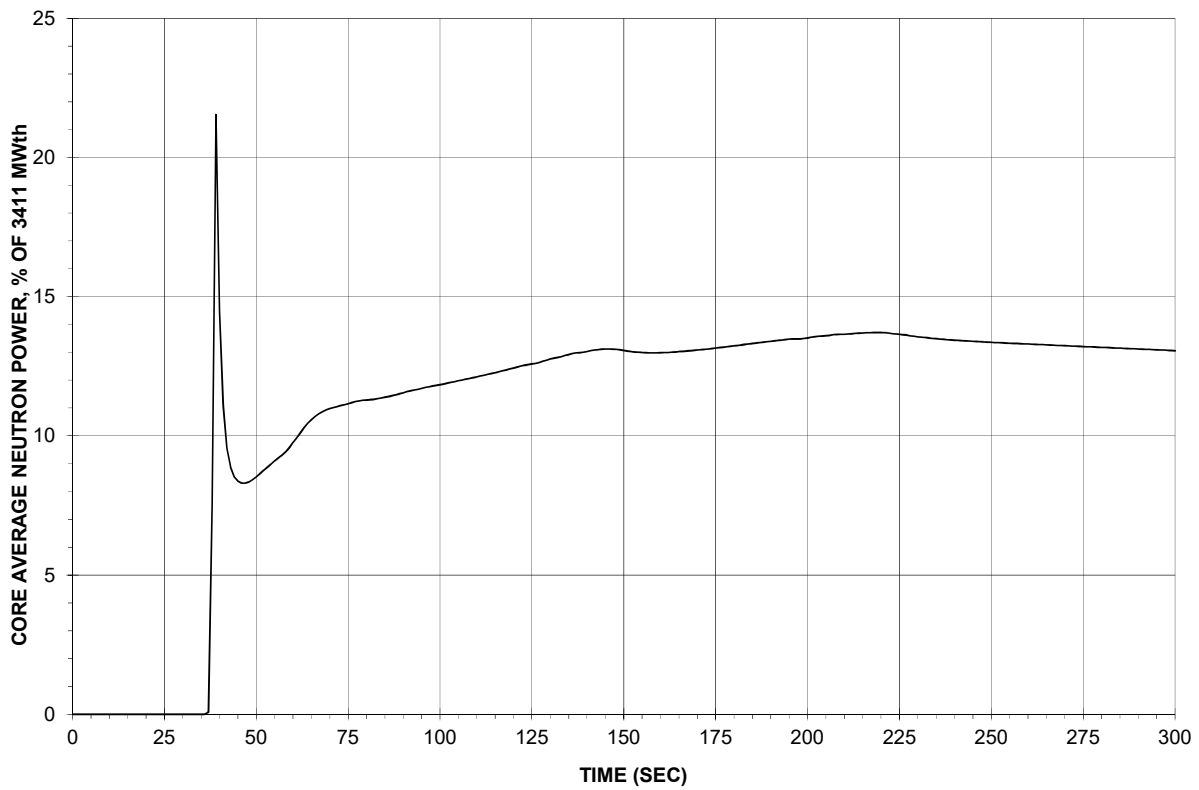
**Figure 15-163. Steamline Break Offsite Power Lost**

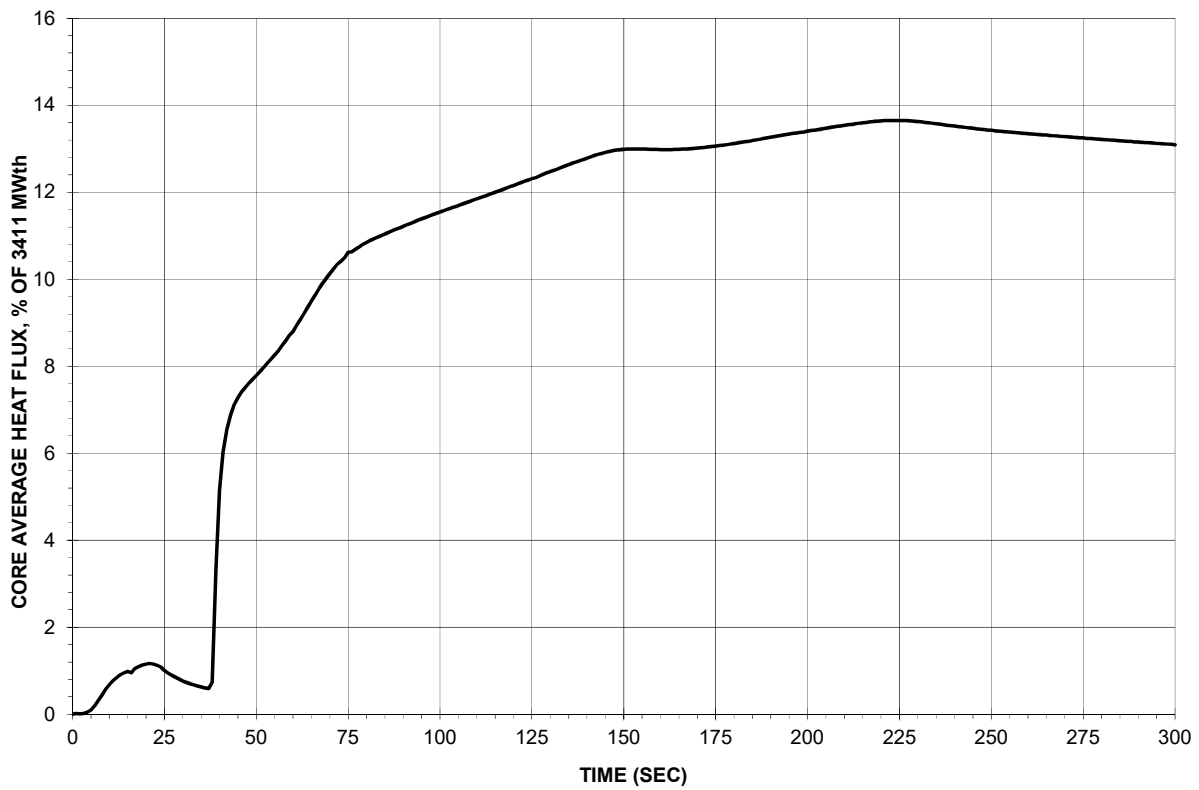
**Figure 15-164. Steamline Break Offsite Power Lost**

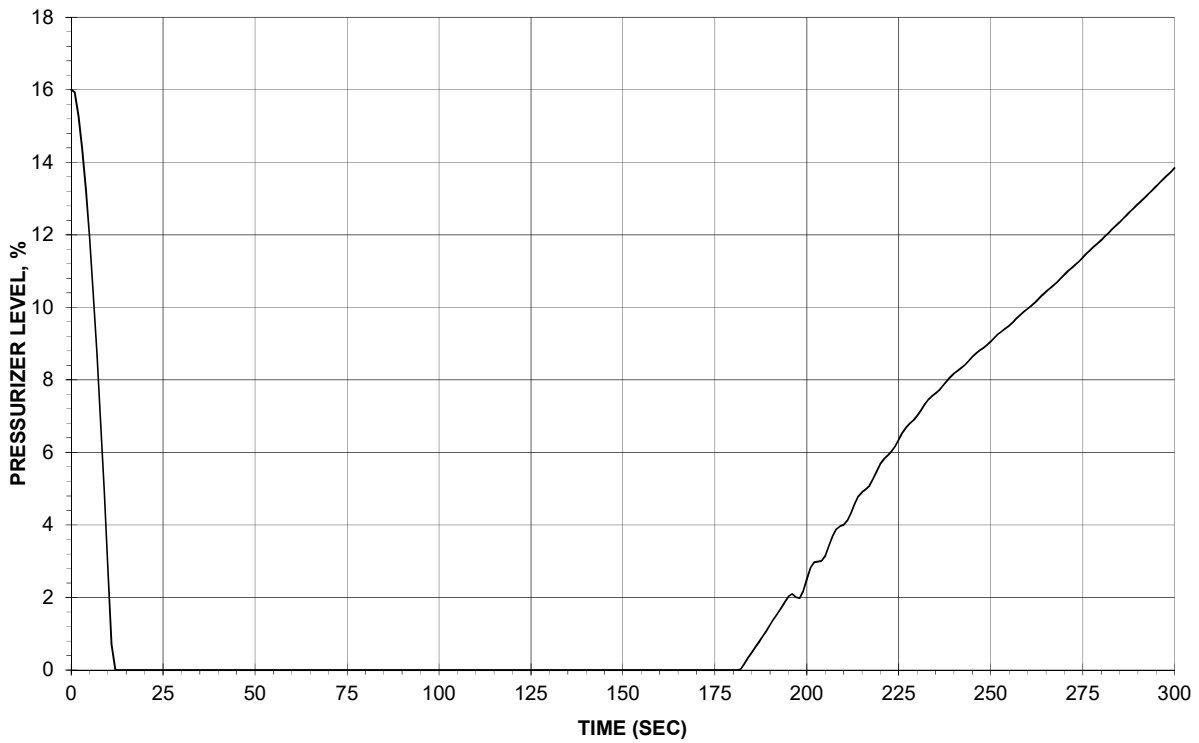
**Figure 15-165. Steamline Break Offsite Power Lost**

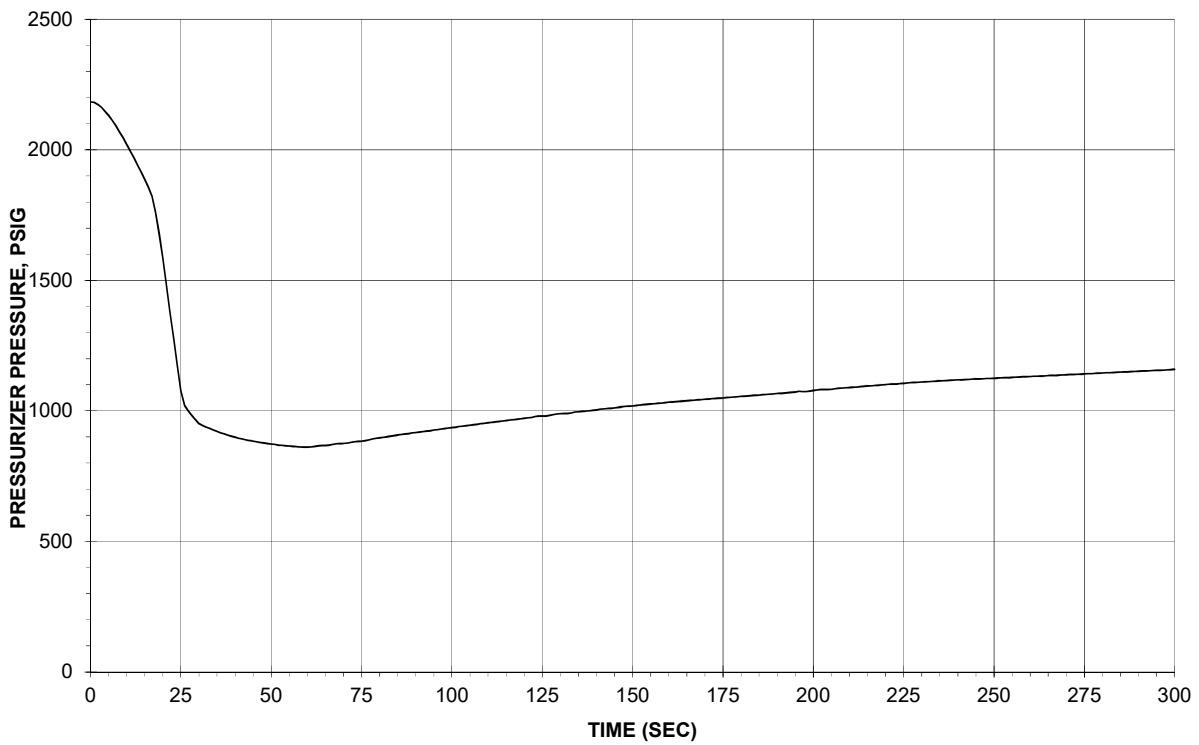


**Figure 15-166. Steamline Break Offsite Power Lost**

**Figure 15-167. Steamline Break Offsite Power Lost**

**Figure 15-168. Steamline Break Offsite Power Lost**

**Figure 15-169. Steamline Break Offsite Power Lost**

**Figure 15-170. Steamline Break Offsite Power Lost**

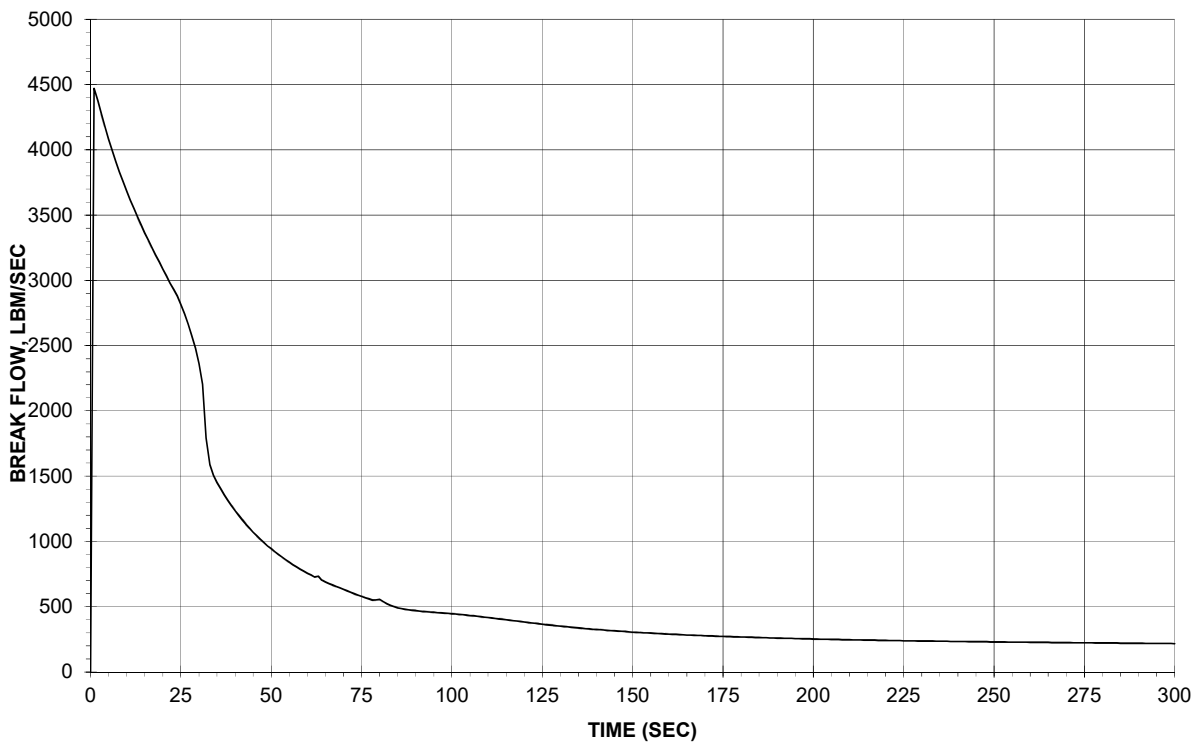
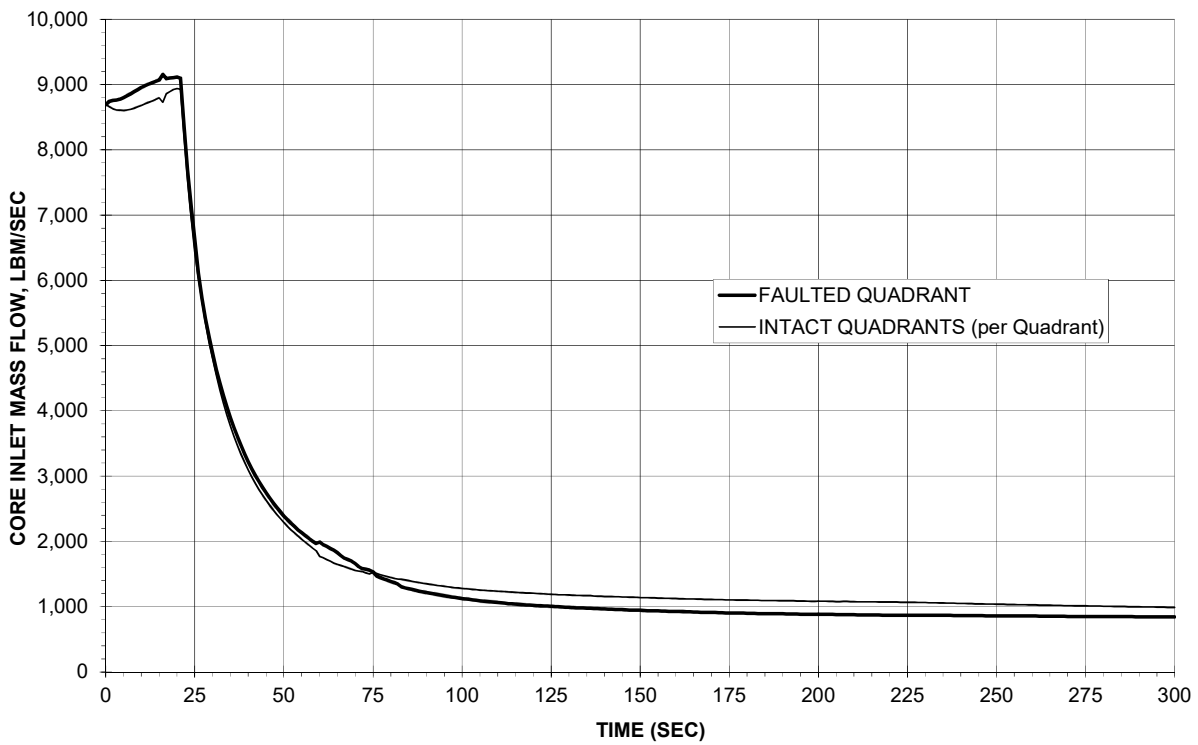
**Figure 15-171. Steamline Break Offsite Power Lost**

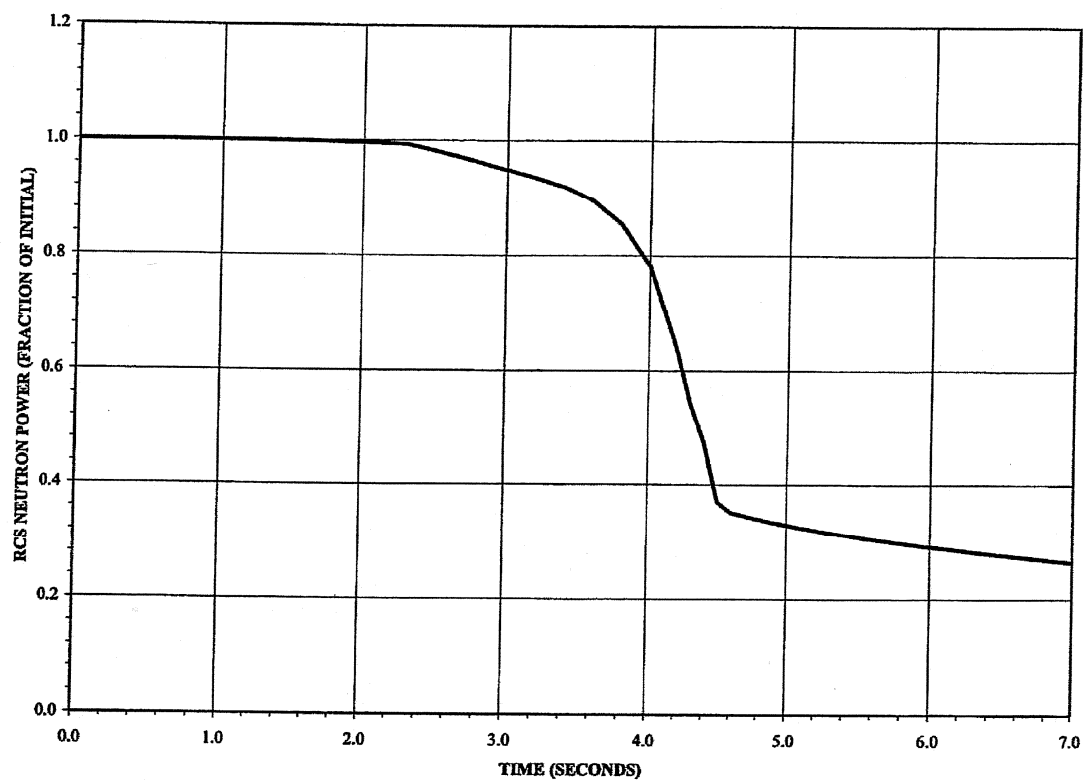
Figure 15-172. Steamline Break Offsite Power Lost

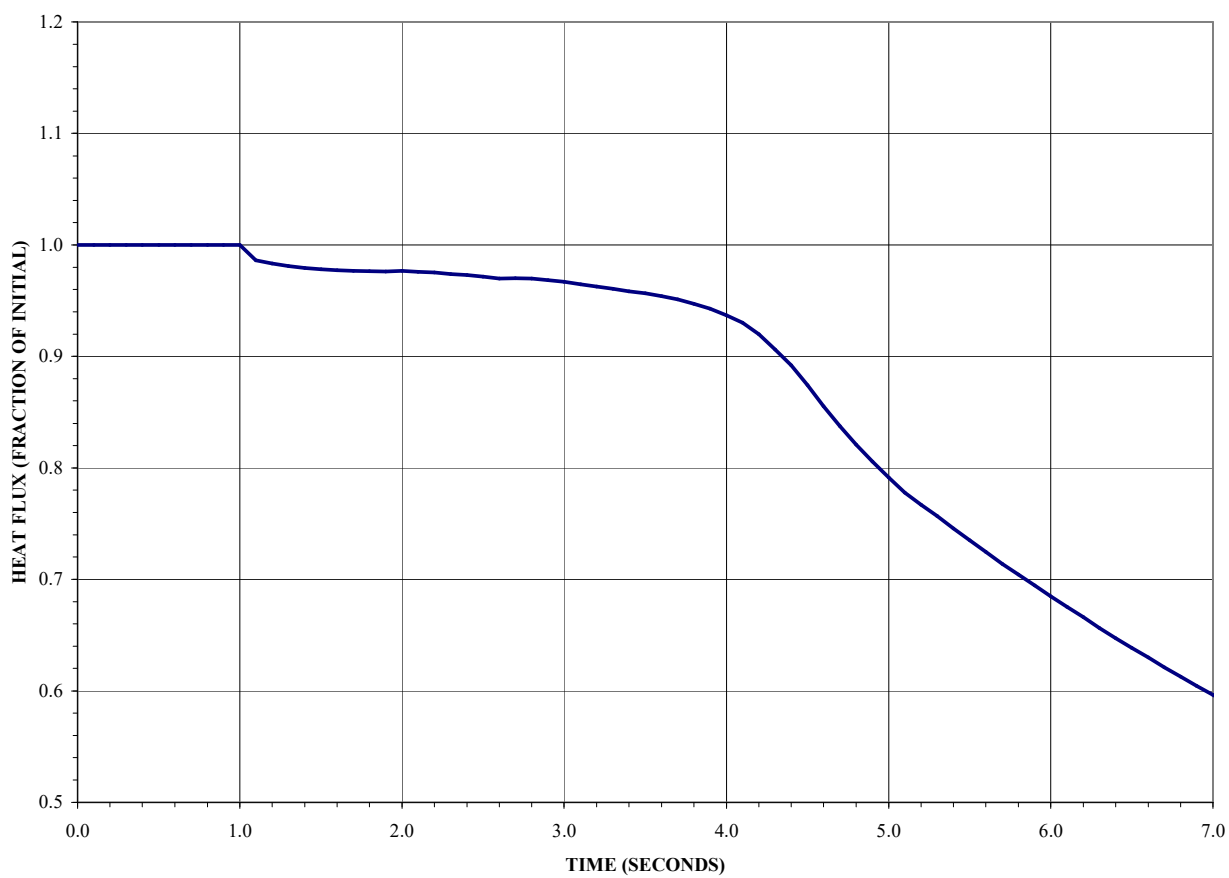


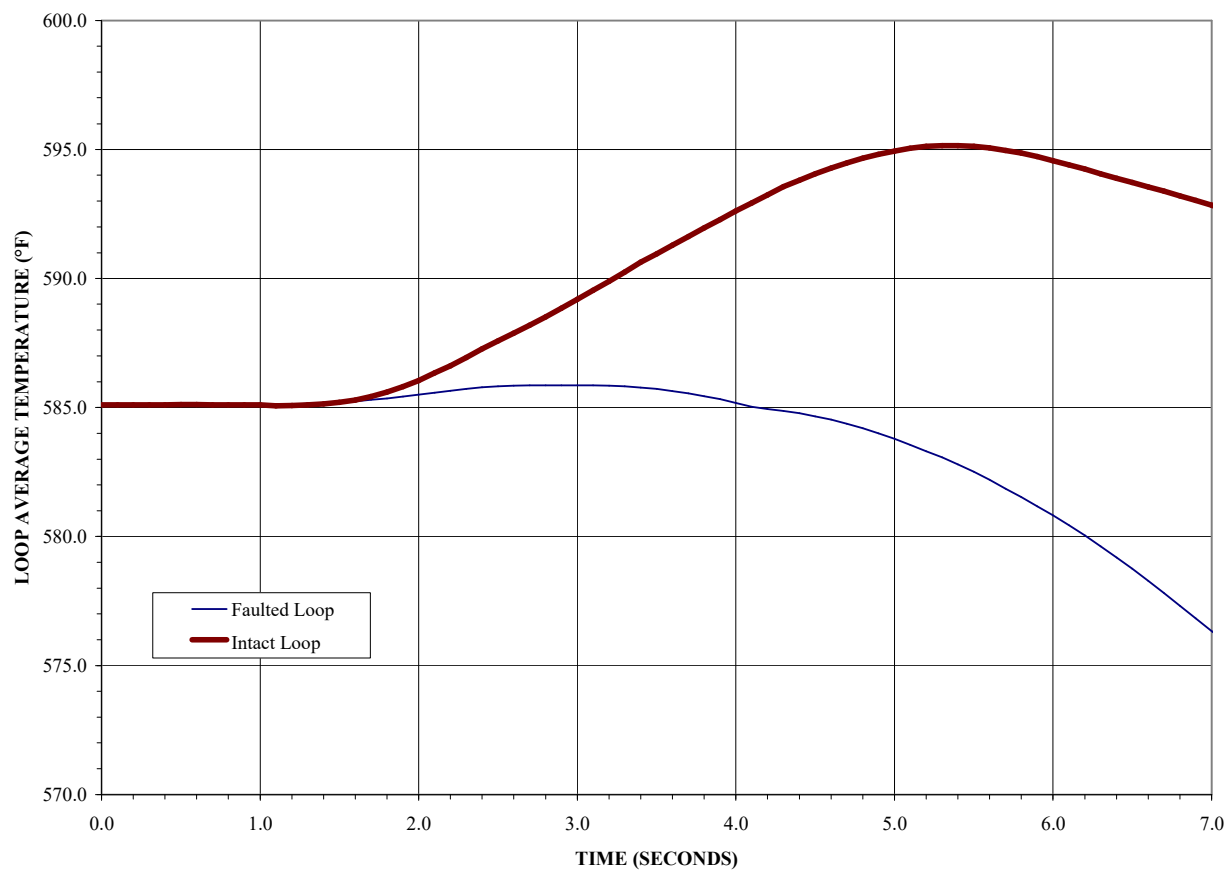
**Figure 15-173. Deleted Per 1998 Update**

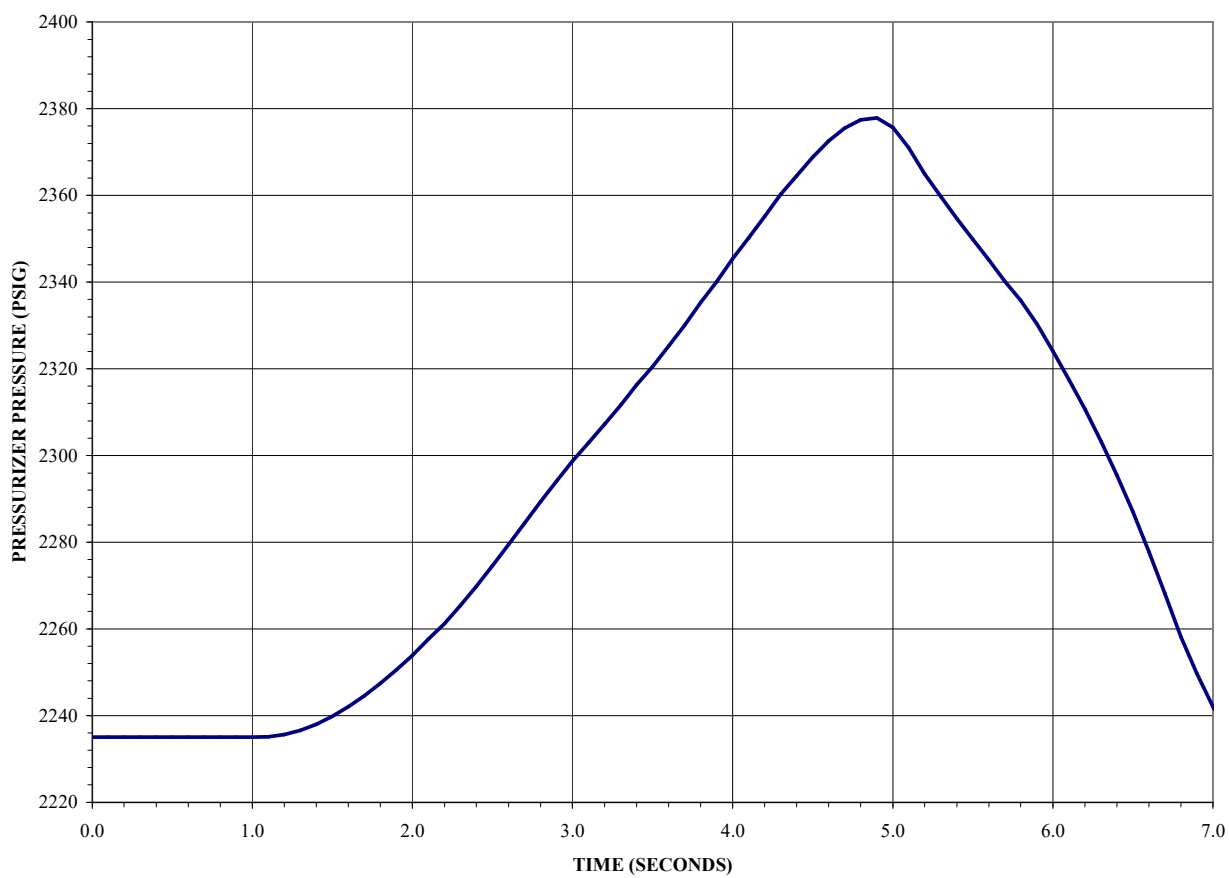


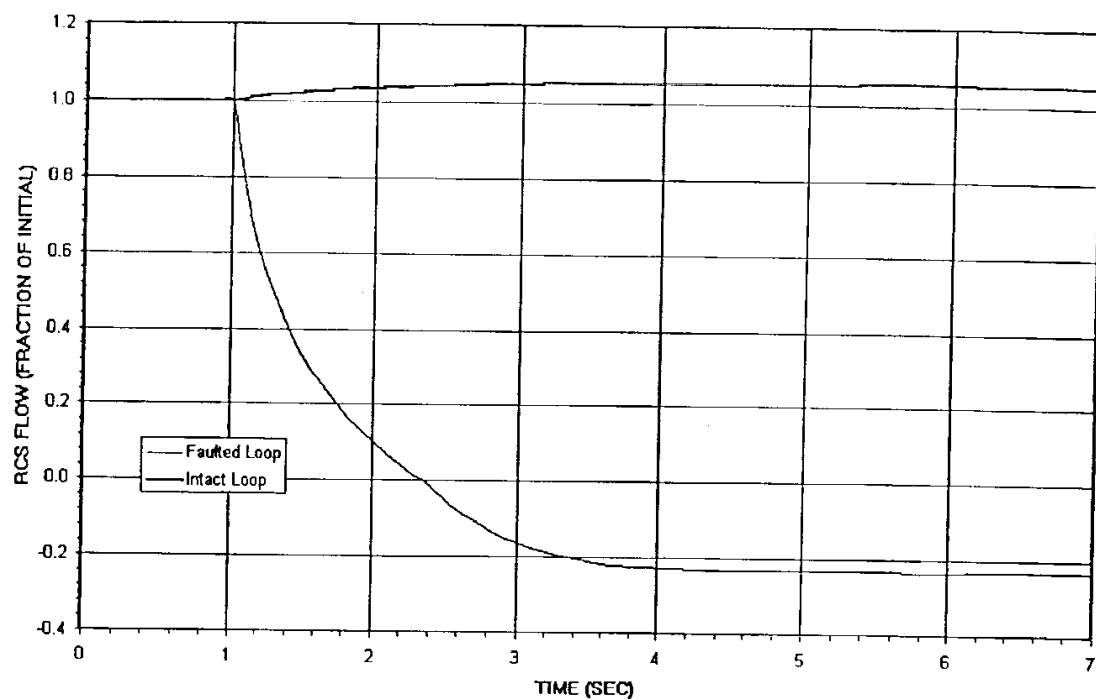
Figure 15-174. Locked Rotor Neutron Power (Fraction of Initial) – Offsite Power Lost



**Figure 15-175. Locked Rotor Core Average Heat Flux (Fraction of Nominal) – Offsite Power Lost**

**Figure 15-176. Locked Rotor Loop Average Temperature (Deg F) – Offsite Power Lost**

**Figure 15-177. Locked Rotor Pressurizer Pressure (psig) – Offsite Power Lost**

**Figure 15-178. Locked Rotor RCS Flow (Fraction of Initial) – Offsite Power Maintained**

**Figure 15-179. Deleted Per 1998 Update.**

Figure 15-180. Dropped Rod Accident

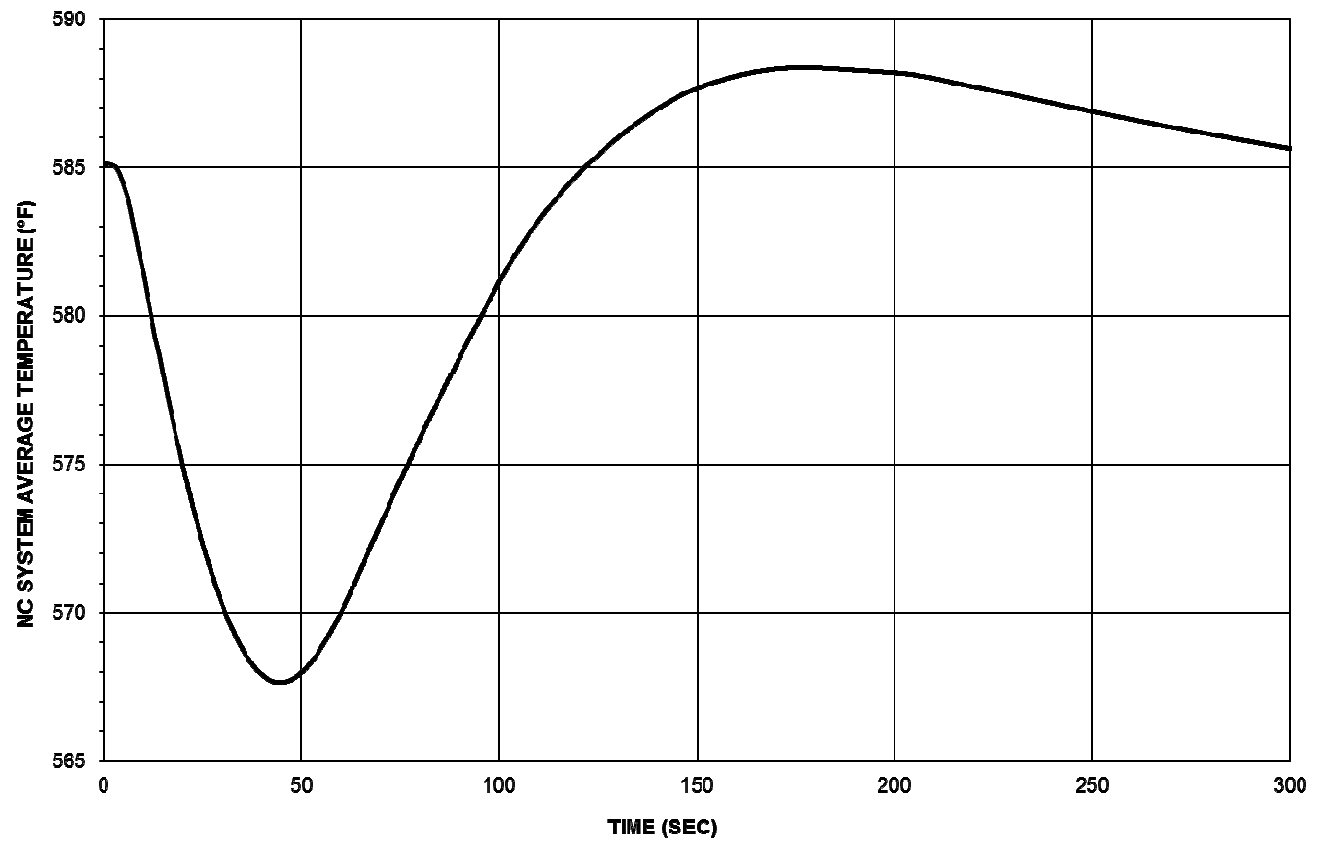


Figure 15-181. Dropped Rod Accident

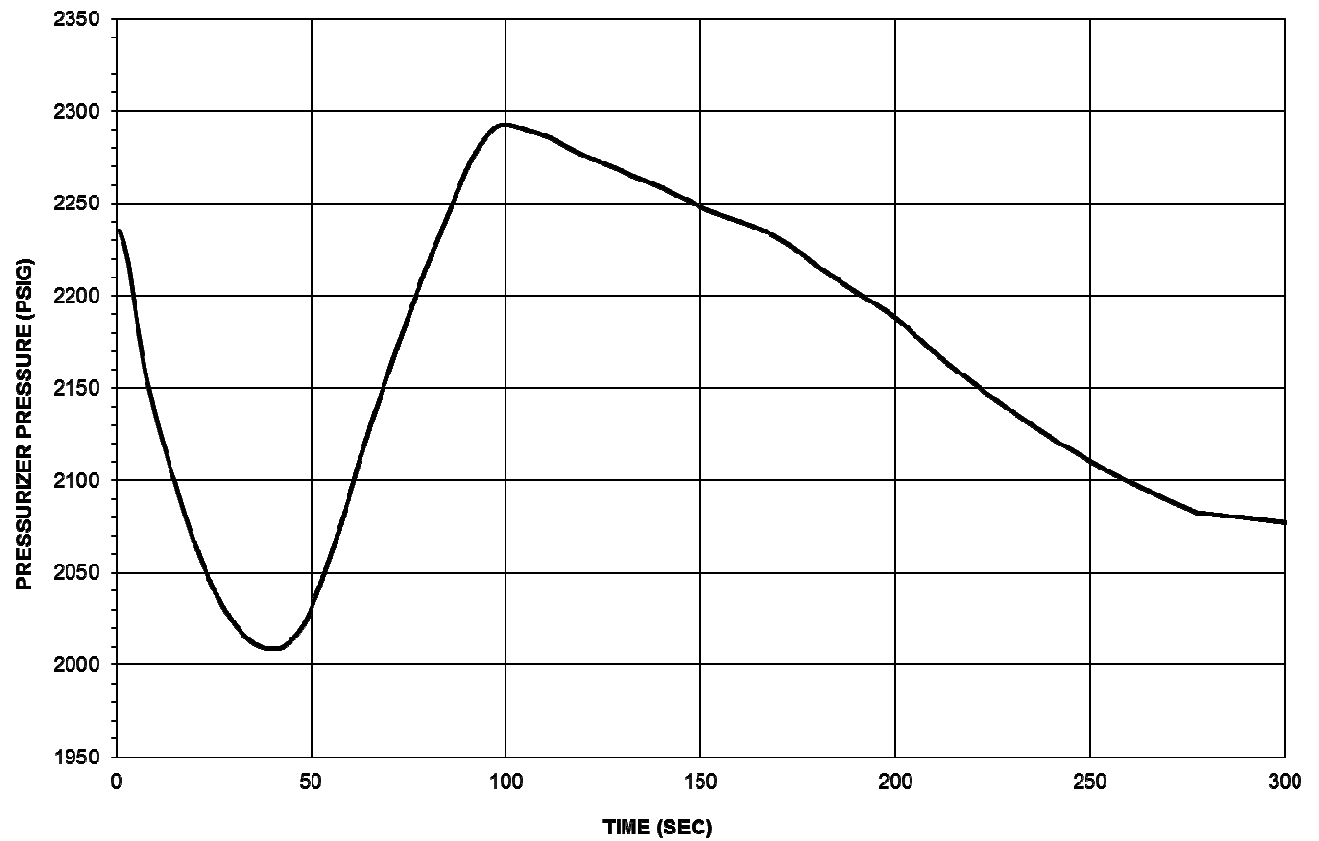




Figure 15-182. Dropped Rod Accident

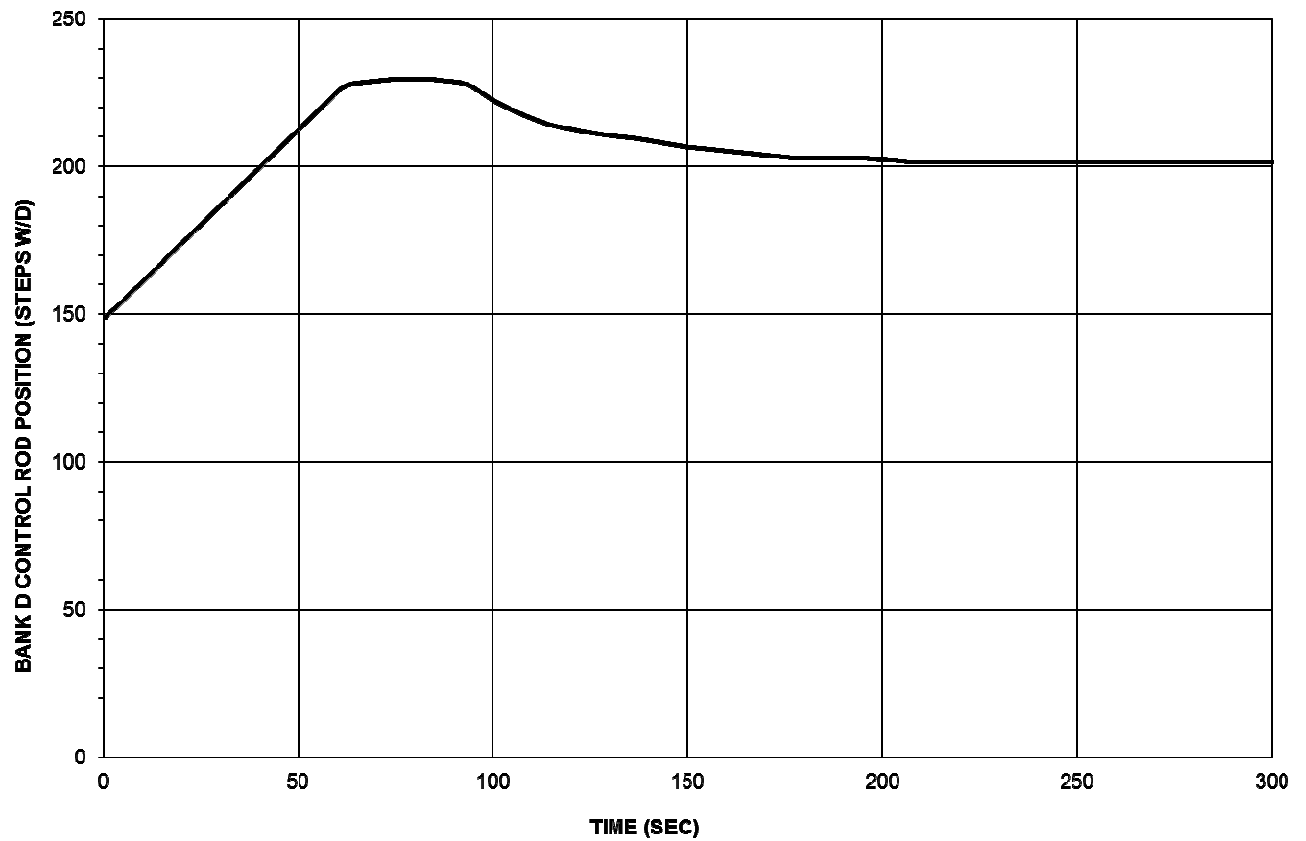
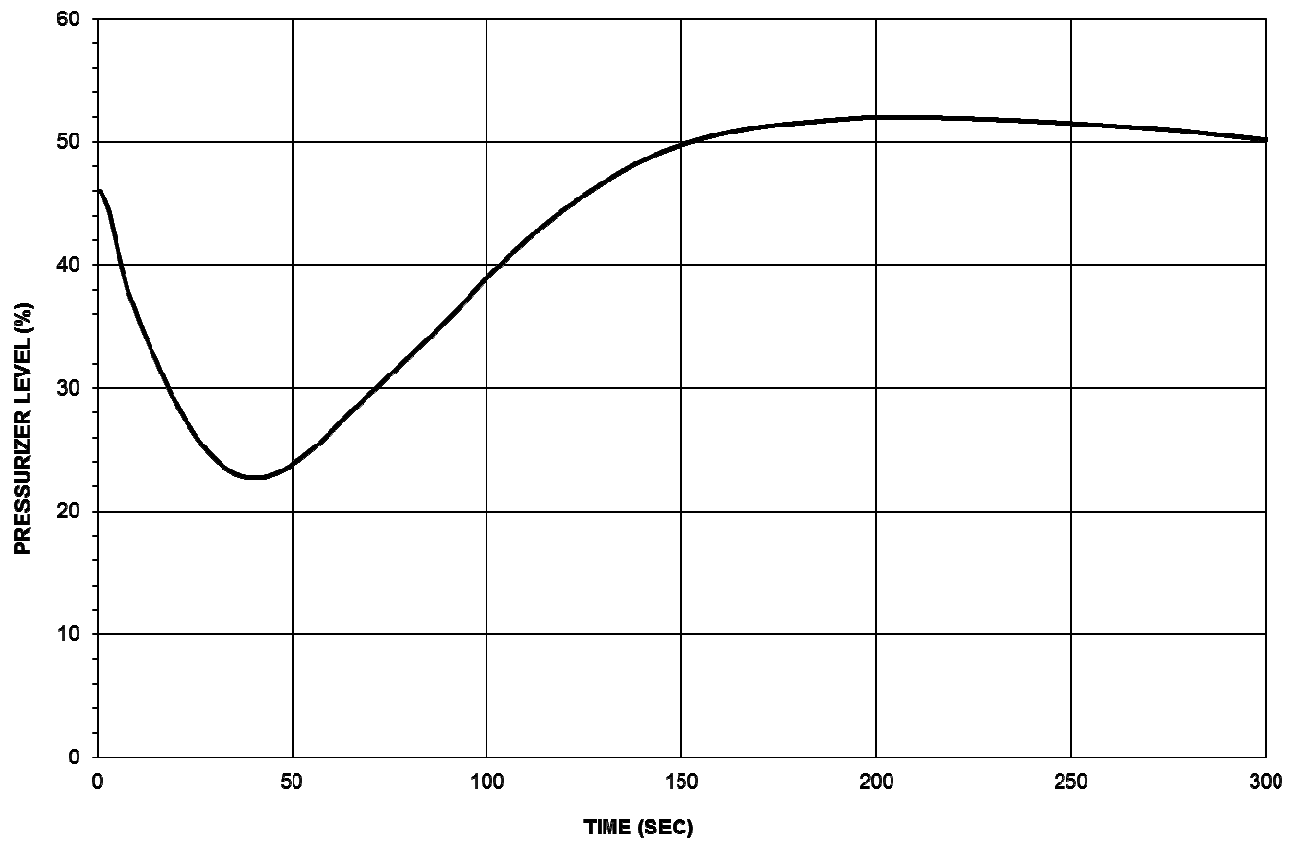
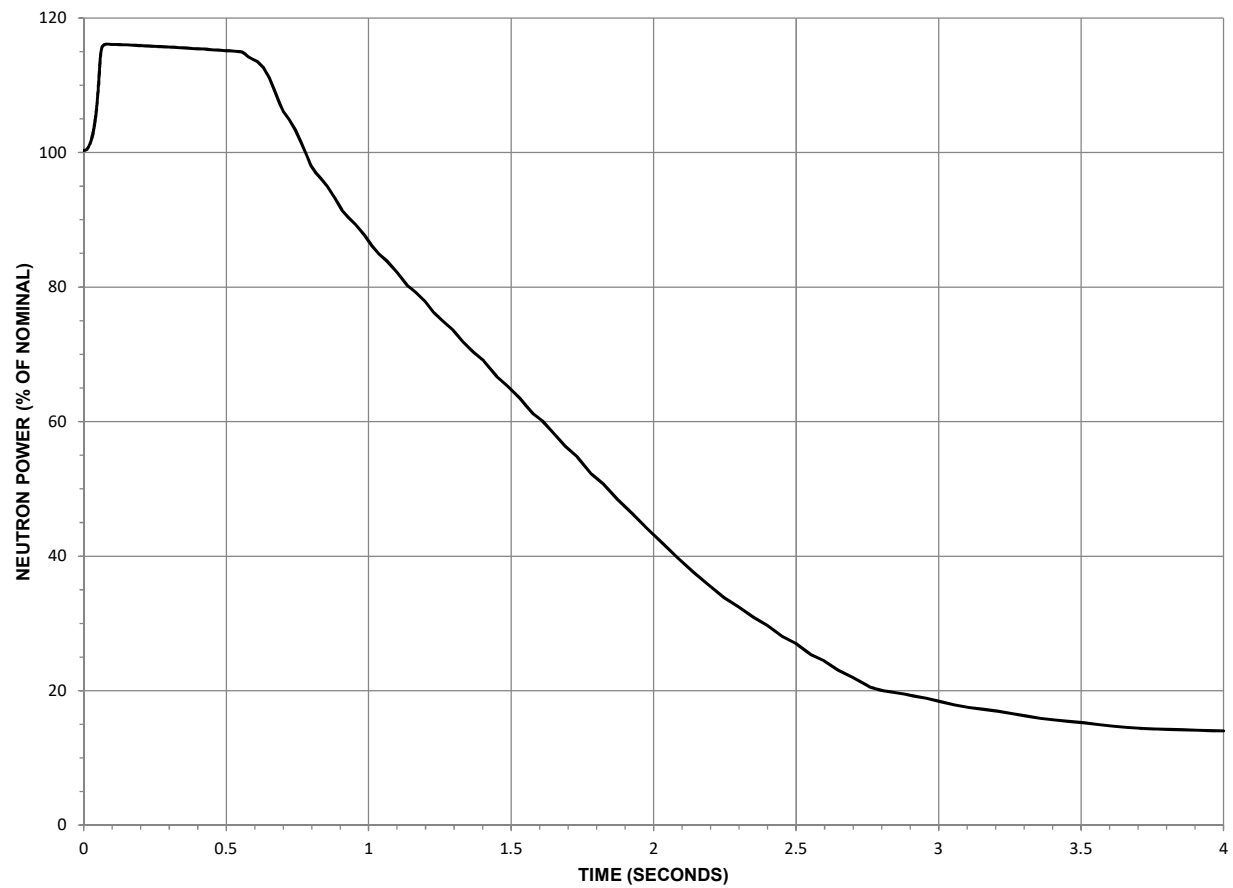
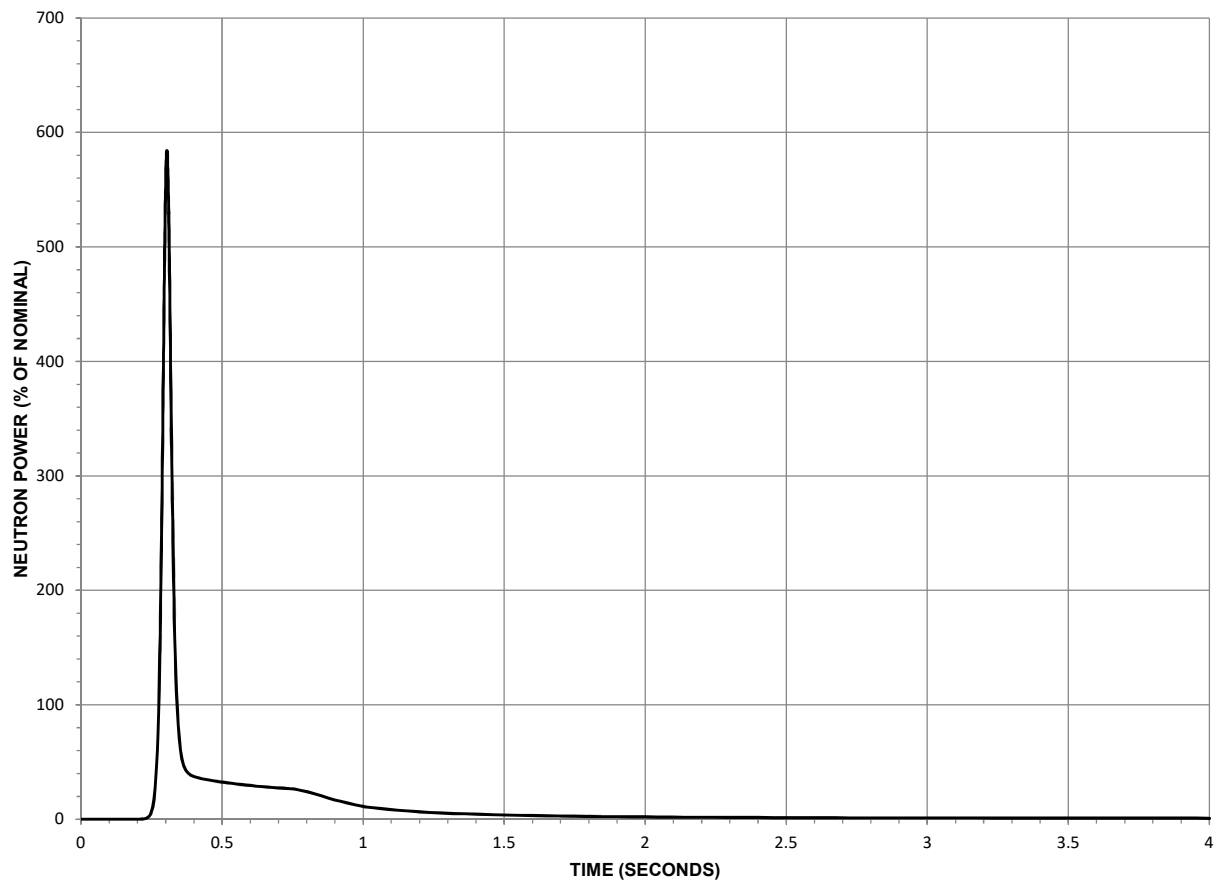


Figure 15-183. Dropped Rod Accident



**Figure 15-184. Rod Ejection Accident (BOC,HFP)**

**Figure 15-185. Rod Ejection Accident (EOC,HZP)**

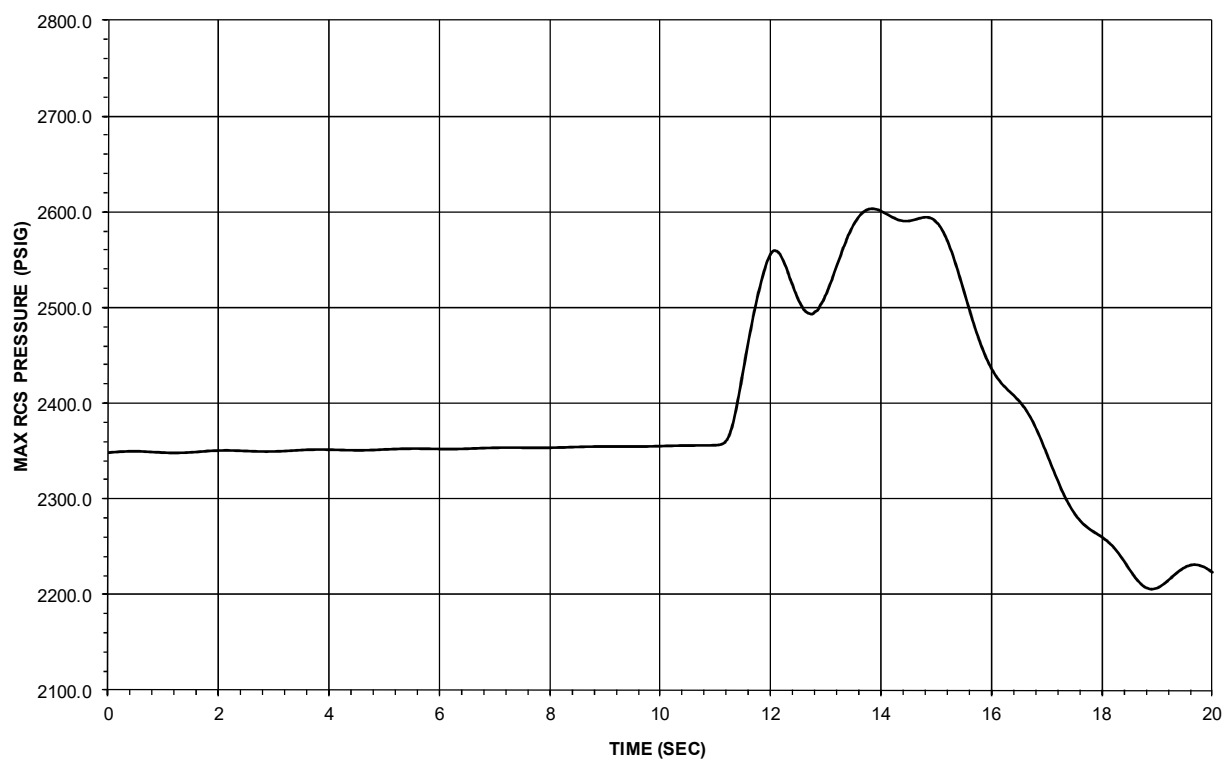
**Figure 15-186. Uncontrolled RCCA Bank Withdrawal at HZP Max. RCS Pressure**

Figure 15-187. Uncontrolled RCCA Bank Withdrawal from 8% Power

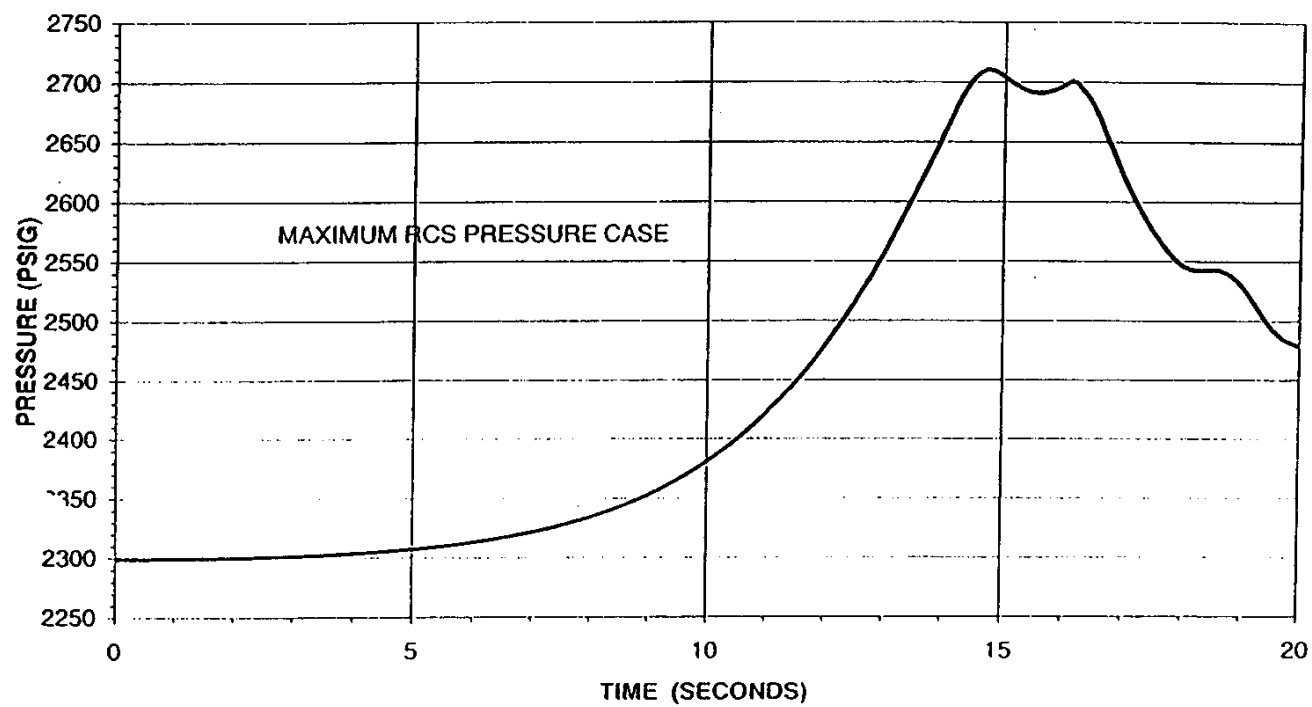


Figure 15-188. Deleted Per 2001 Update

Figure 15-189. Deleted Per 1998 Update

Figure 15-190. Deleted Per 1998 Update

Figure 15-191. Deleted Per 1998 Update

Figure 15-192. Deleted Per 2001 Update

Figure 15-193. Deleted Per 2001 Update

Figure 15-194. Deleted Per 2001 Update

Figure 15-195. Deleted Per 2001 Update

Figure 15-196. Deleted Per 2001 Update

Figure 15-197. Deleted Per 2001 Update

Figure 15-198. Deleted Per 2001 Update

Figure 15-199. Deleted Per 1998 Update

Figure 15-200. Deleted Per 1998 Update

Figure 15-201. Deleted Per 1998 Update

Figure 15-202. Deleted Per 2001 Update

Figure 15-203. Deleted Per 2001 Update

Figure 15-204. Deleted Per 2001 Update

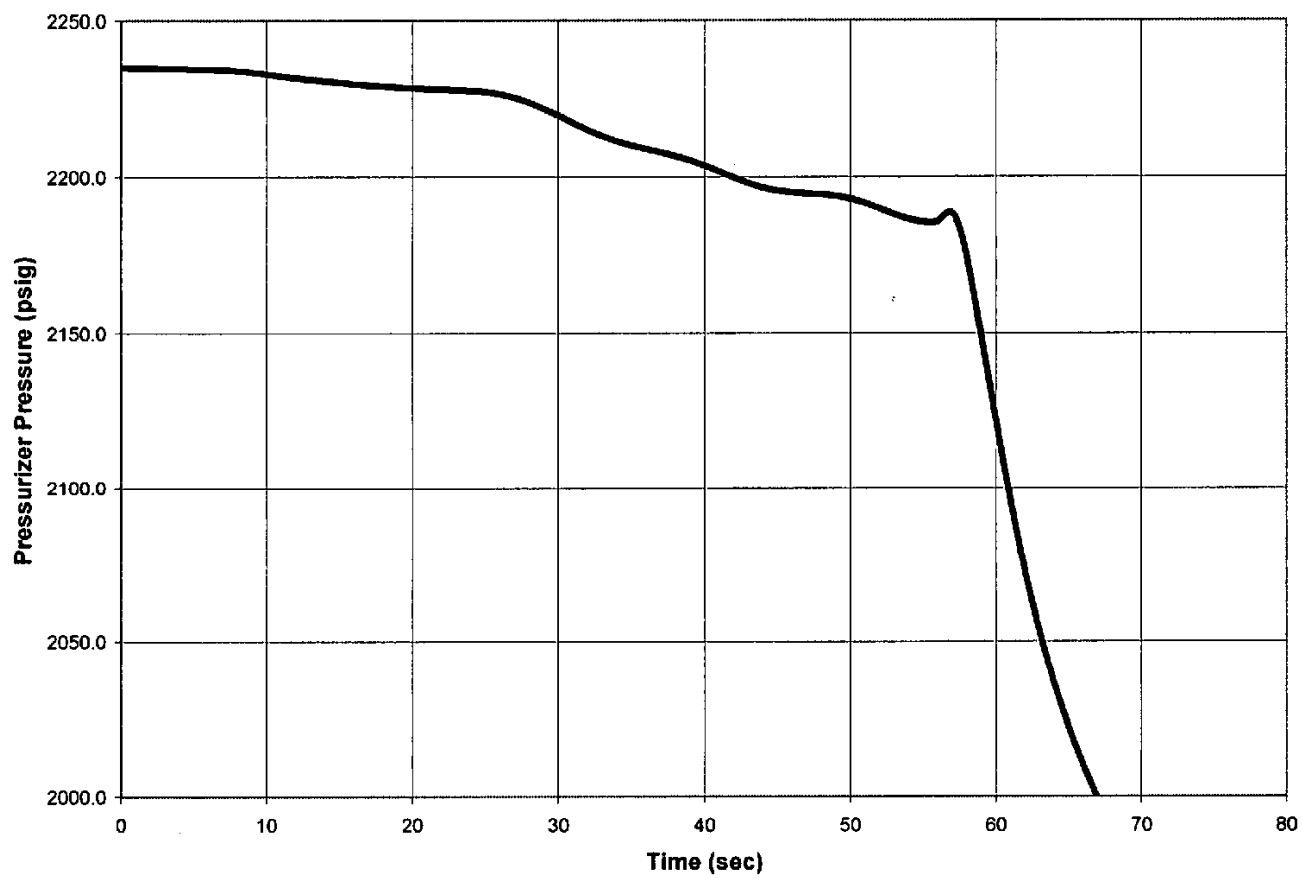
Figure 15-205. Deleted Per 1996 Update

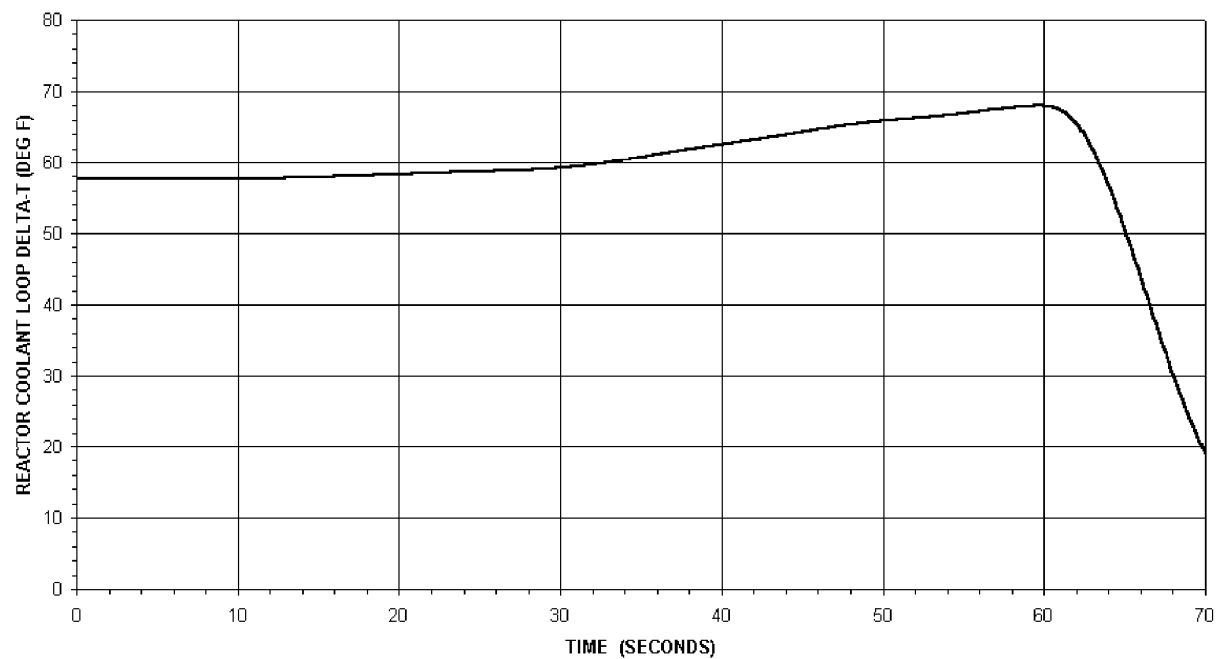
**Figure 15-206. Deleted Per 1996 Update**

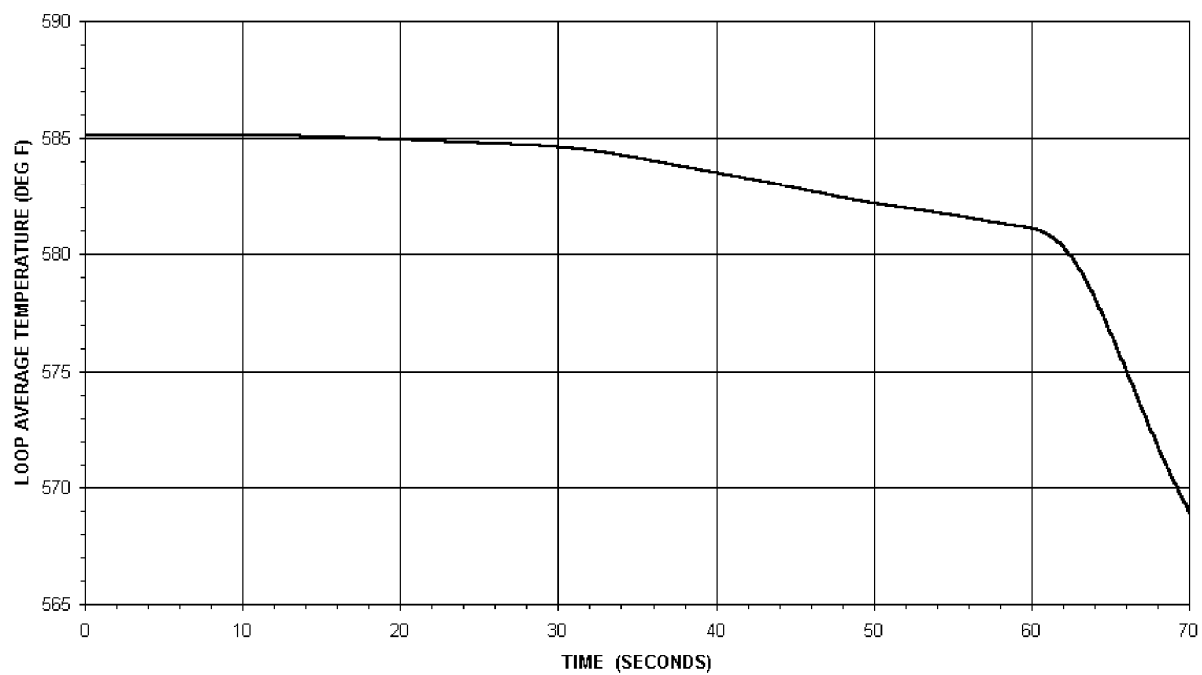
(14 OCT 2000)



Figure 15-207. Excessive Increase in Feedwater Flow

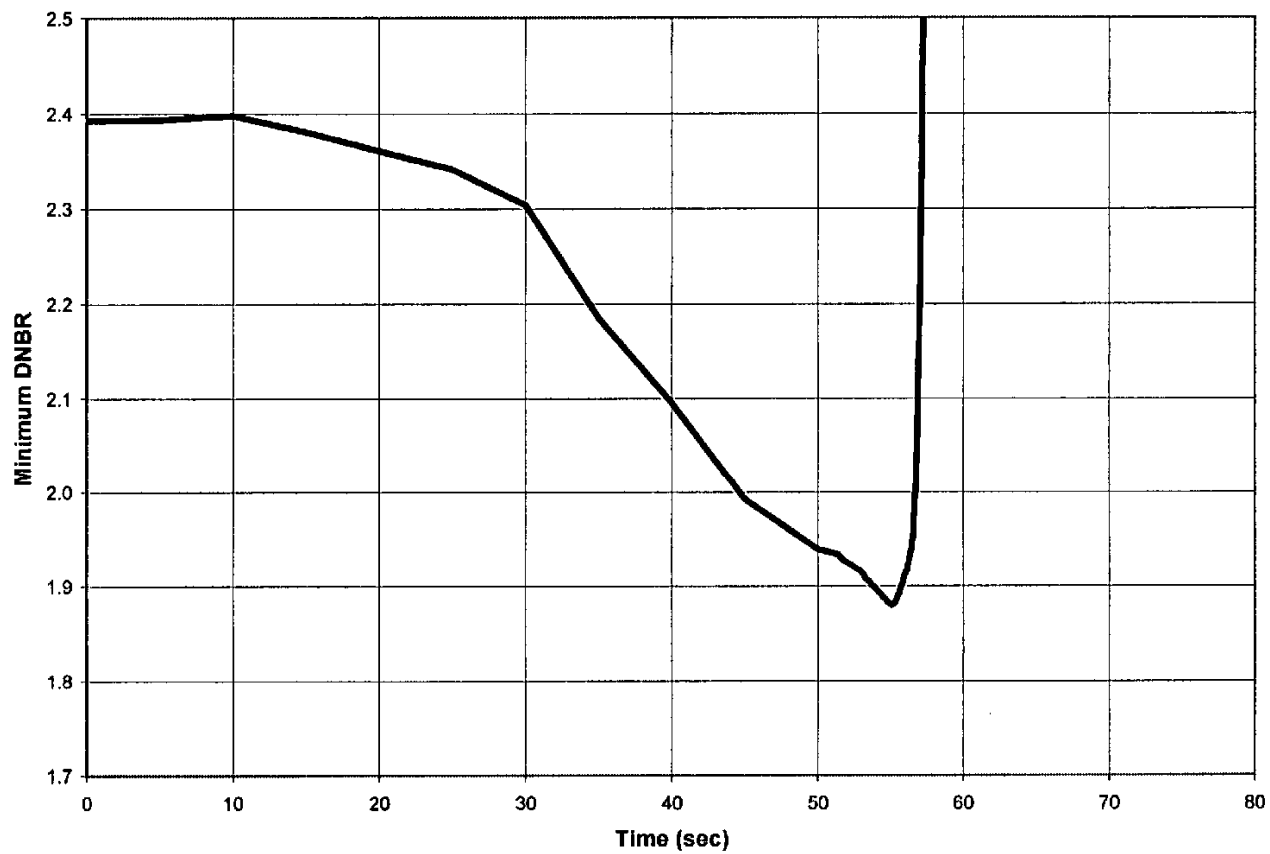


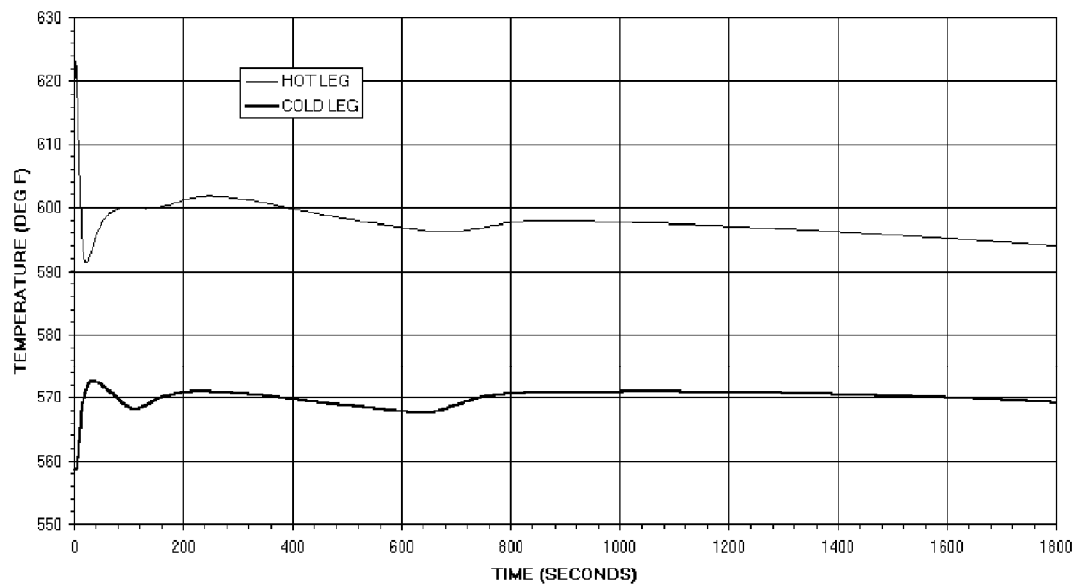
**Figure 15-208. Excessive Increase in Feedwater Flow**

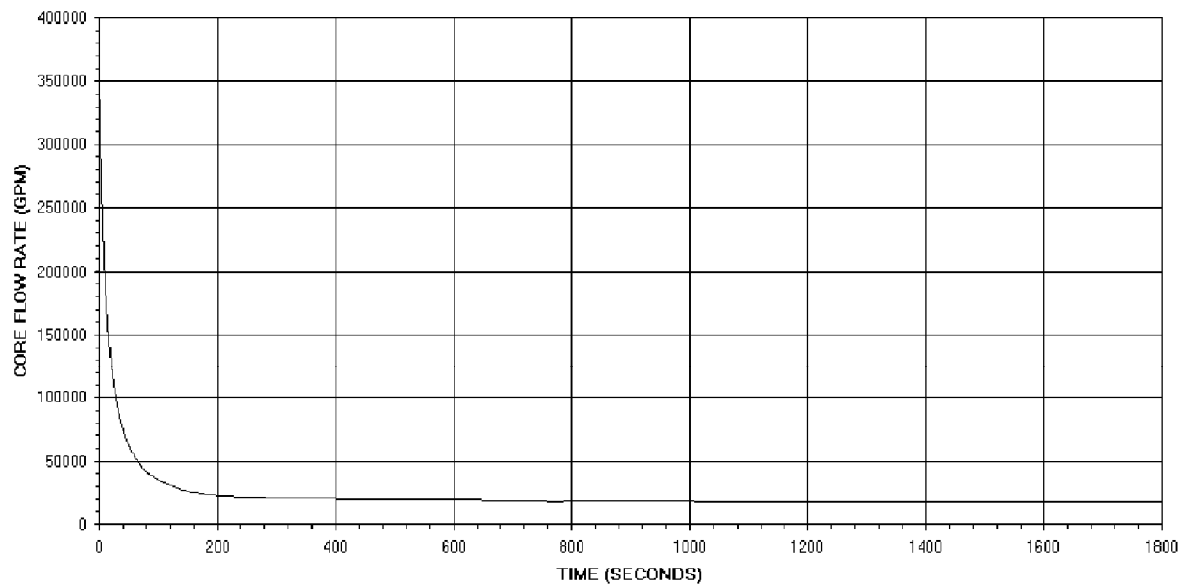
**Figure 15-209. Excessive Increase in Feedwater Flow**

**Figure 15-210. Deleted per 2003 Update**

Figure 15-211. Excessive Increase in Feedwater Flow (RFA Fuel)



**Figure 15-212. Loss of Offsite Power**

**Figure 15-213. Loss of Offsite Power**

**Figure 15-214. Deleted Per 2001 Update**

**Figure 15-215. Deleted Per 2001 Update**

**Figure 15-216. Deleted Per 2001 Update**

**Figure 15-217. Deleted Per 2001 Update**

**Figure 15-218. Deleted Per 2001 Update**

**Figure 15-219. Deleted Per 2001 Update**

**Figure 15-220. Deleted Per 2001 Update**

**Figure 15-221. Deleted Per 2001 Update**

**Figure 15-222. Deleted Per 2001 Update**

**Figure 15-223. Deleted Per 2001 Update**

**Figure 15-224. Deleted Per 2001 Update**

**Figure 15-225. Deleted Per 2001 Update**



Figure 15-226. Steam Generator Tube Rupture

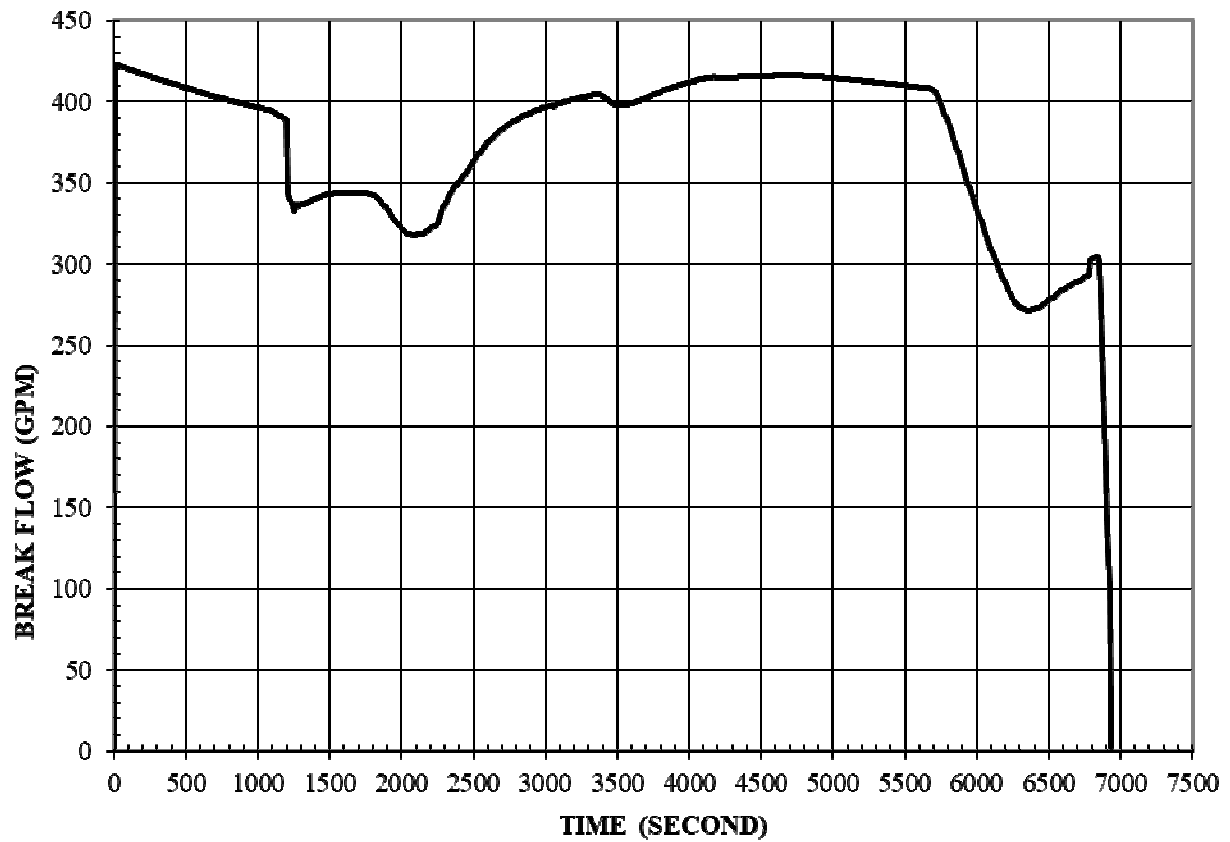


Figure 15-227. Steam Generator Tube Rupture

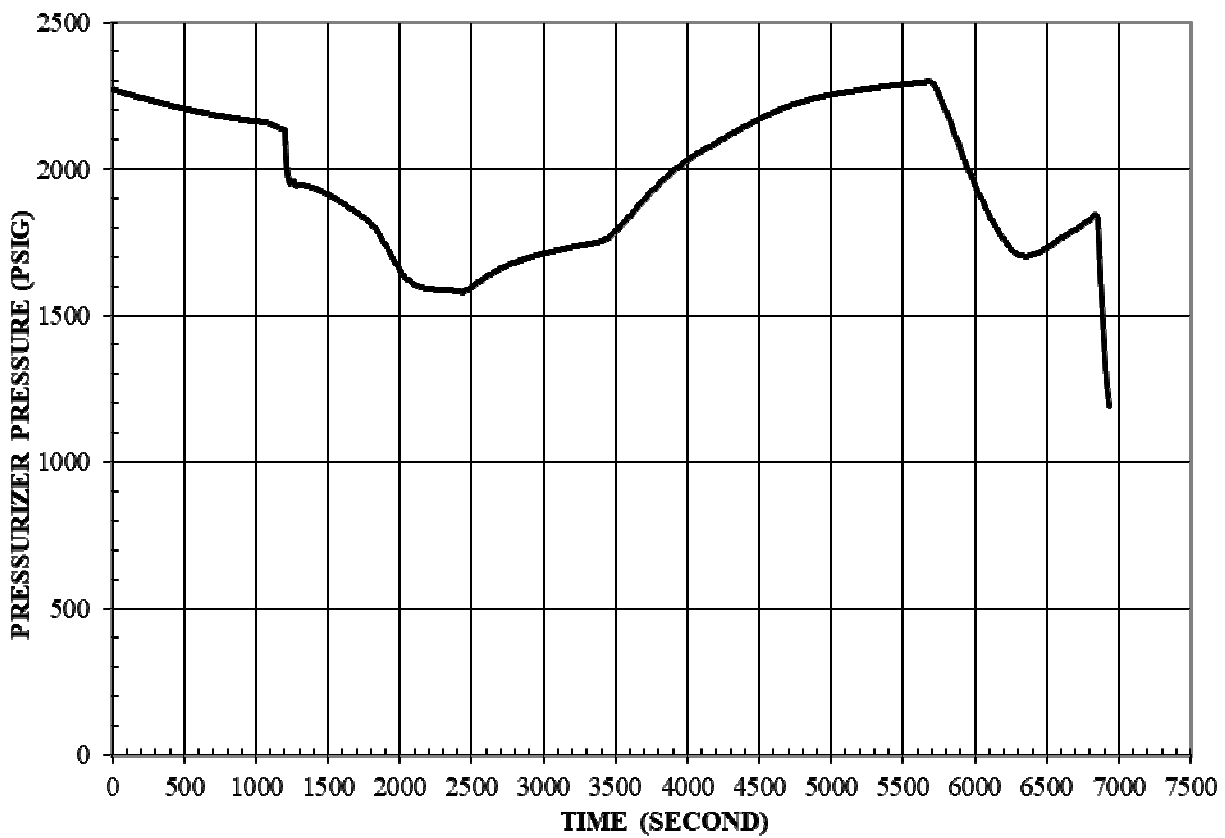


Figure 15-228. Steam Generator Tube Rupture

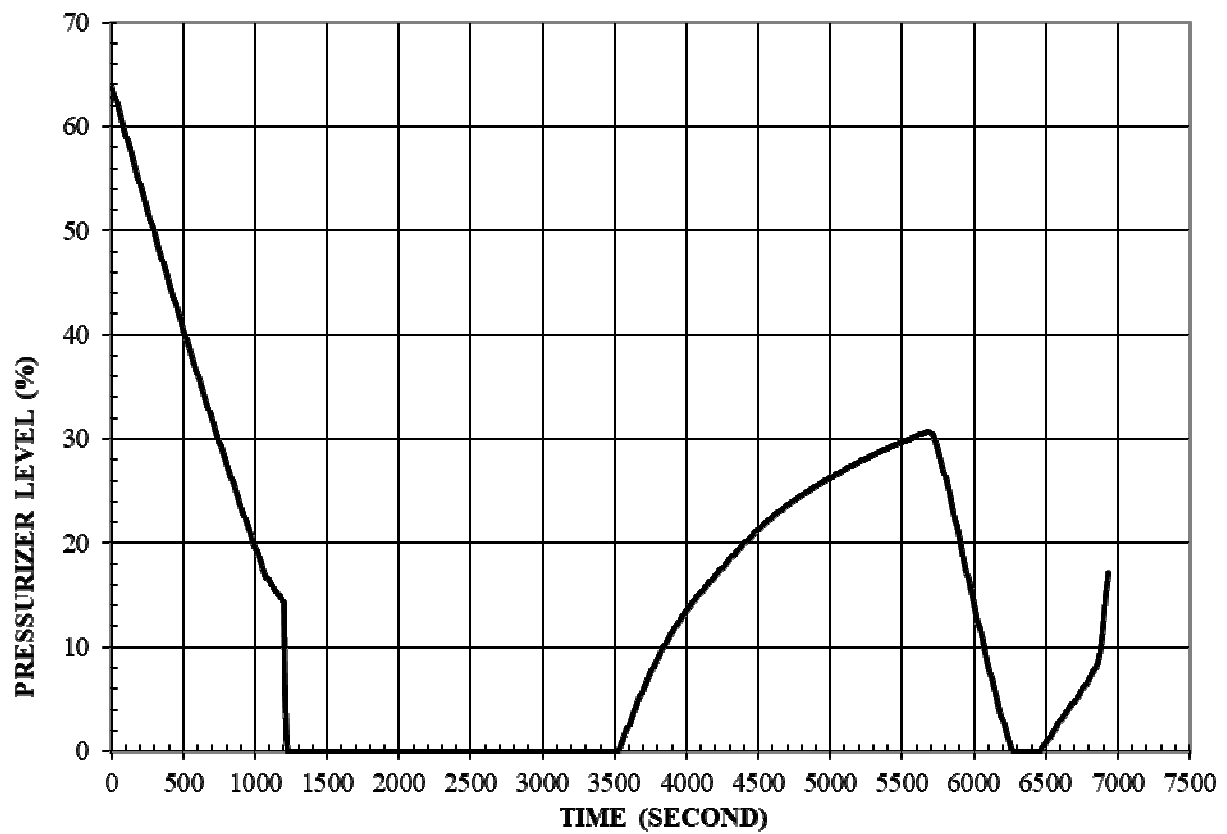


Figure 15-229. Steam Generator Tube Rupture

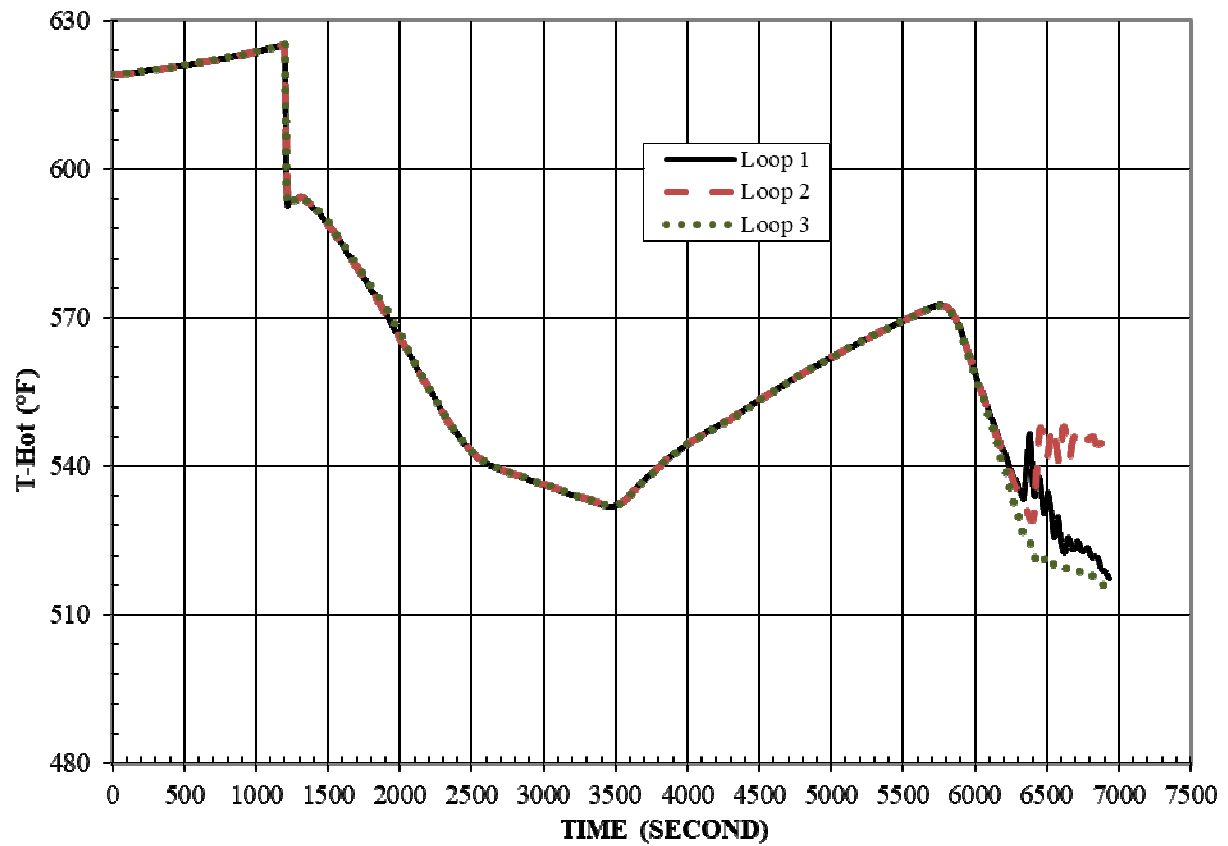


Figure 15-230. Steam Generator Tube Rupture

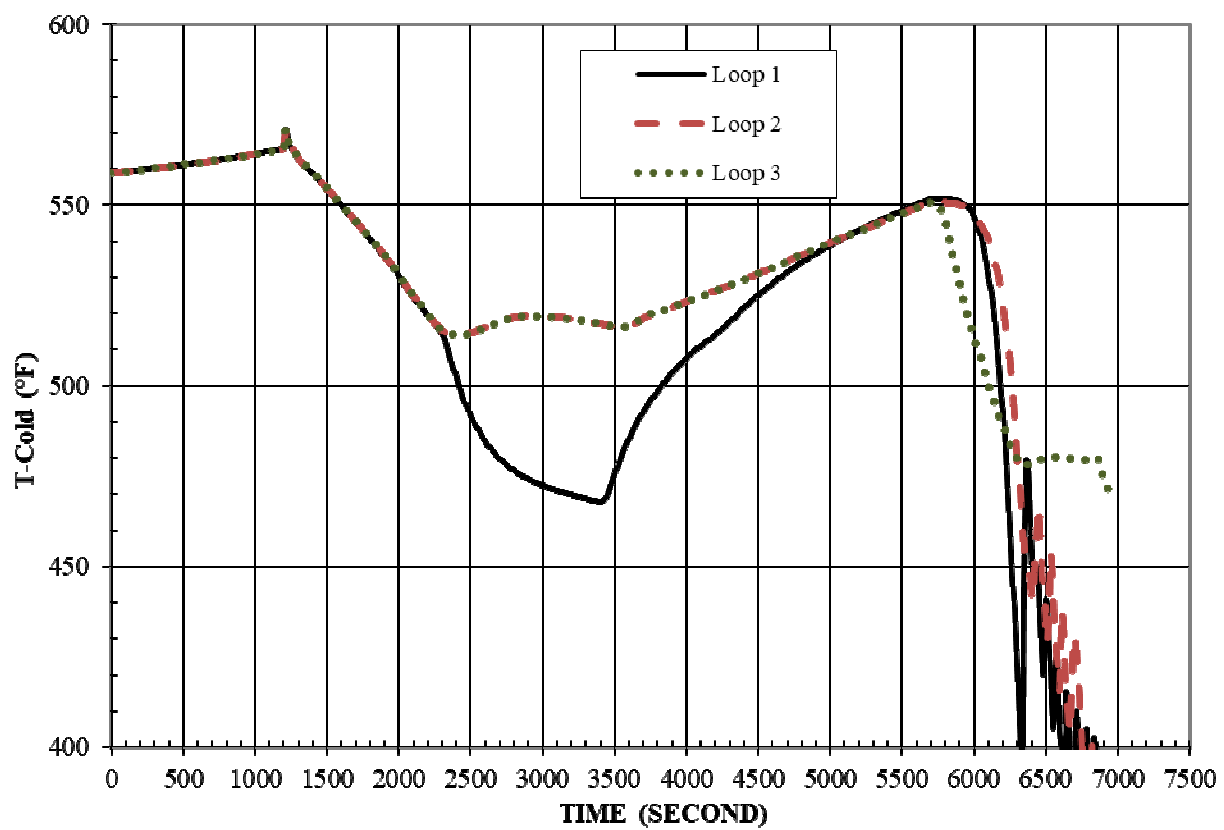


Figure 15-231. Steam Generator Tube Rupture

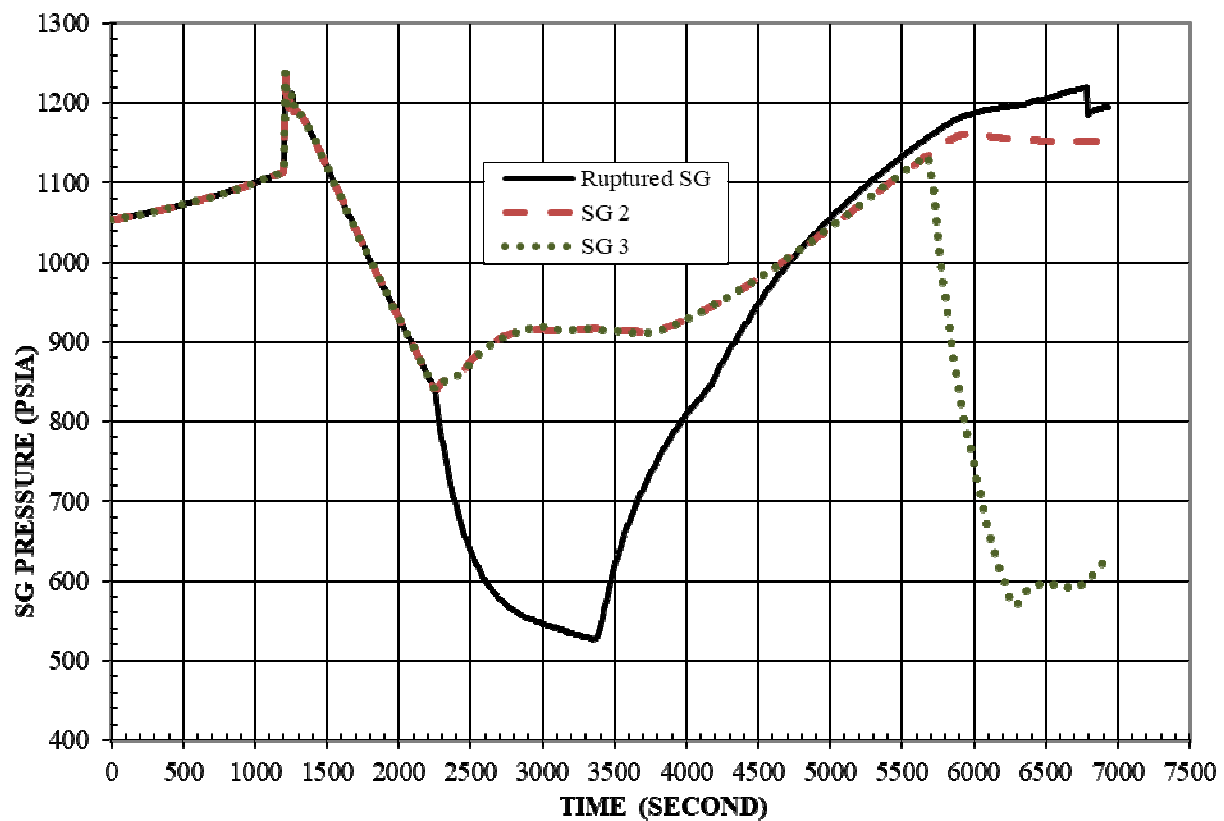
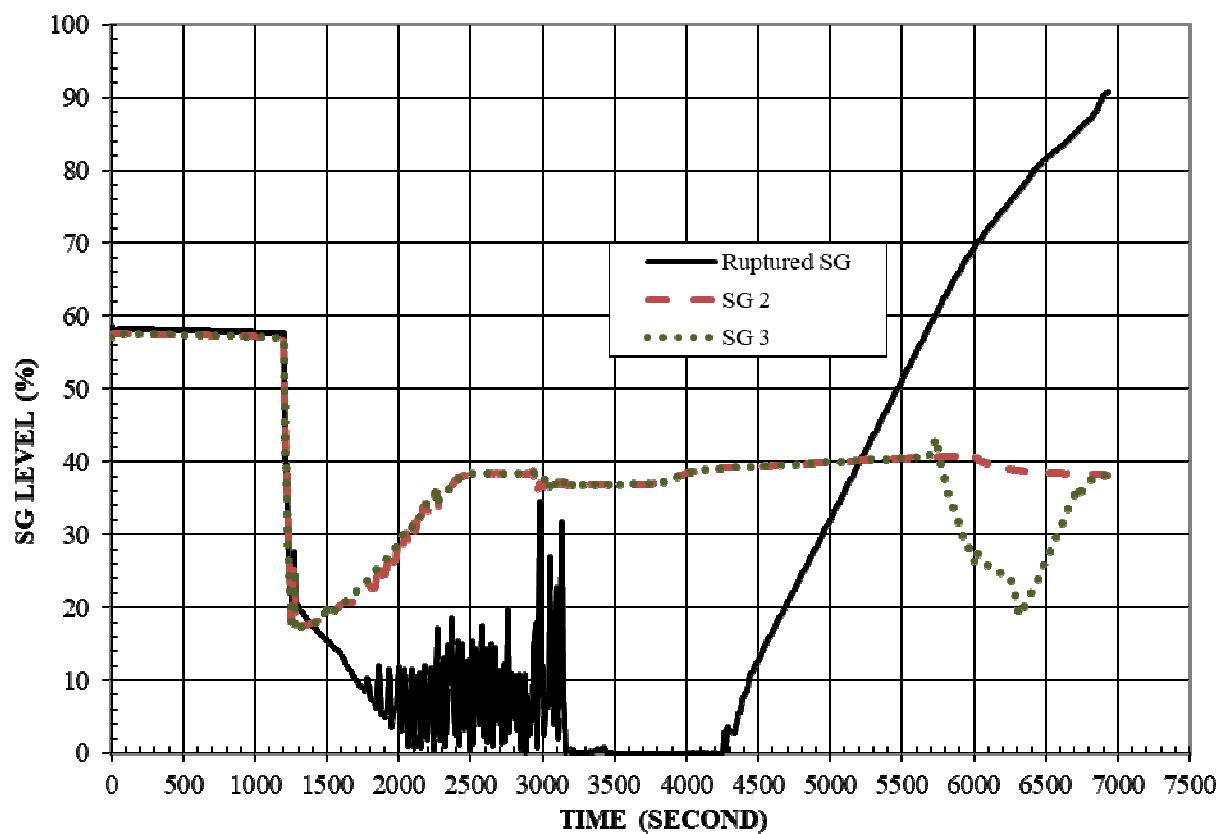
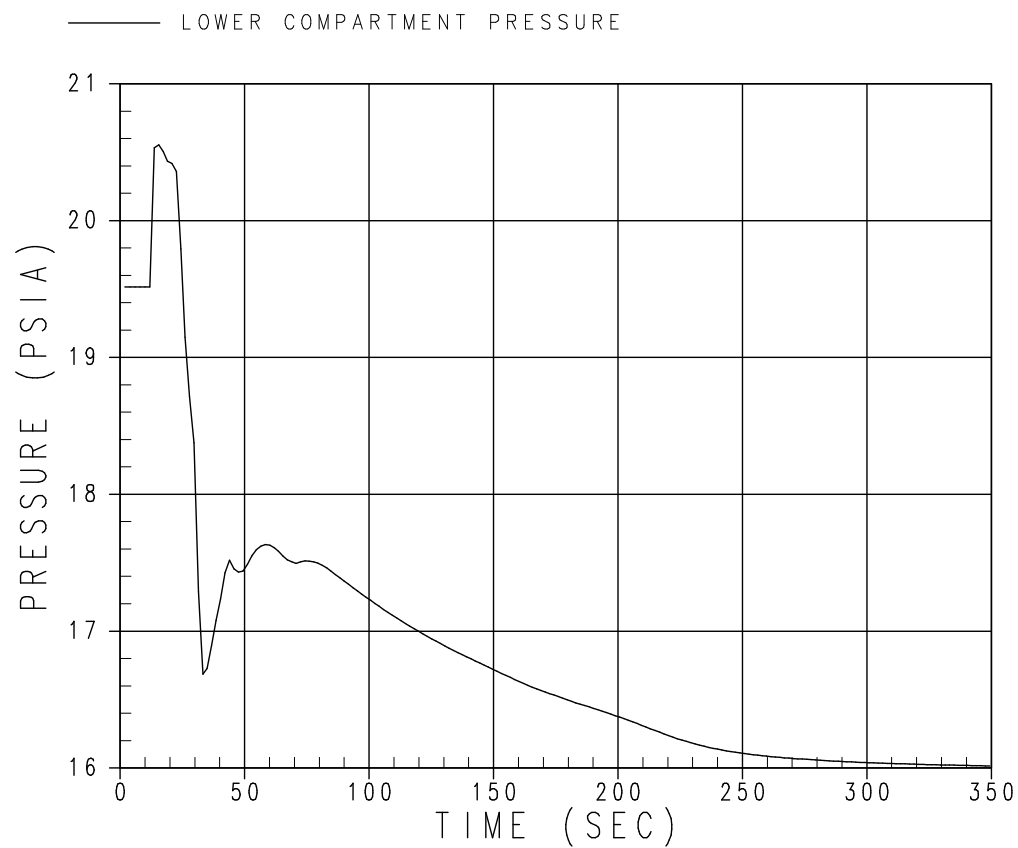


Figure 15-232. Steam Generator Tube Rupture



**Figure 15-233. Lower Bound Containment Pressure Used for Best-Estimate Large Break LOCA**

(14 OCT 2000)



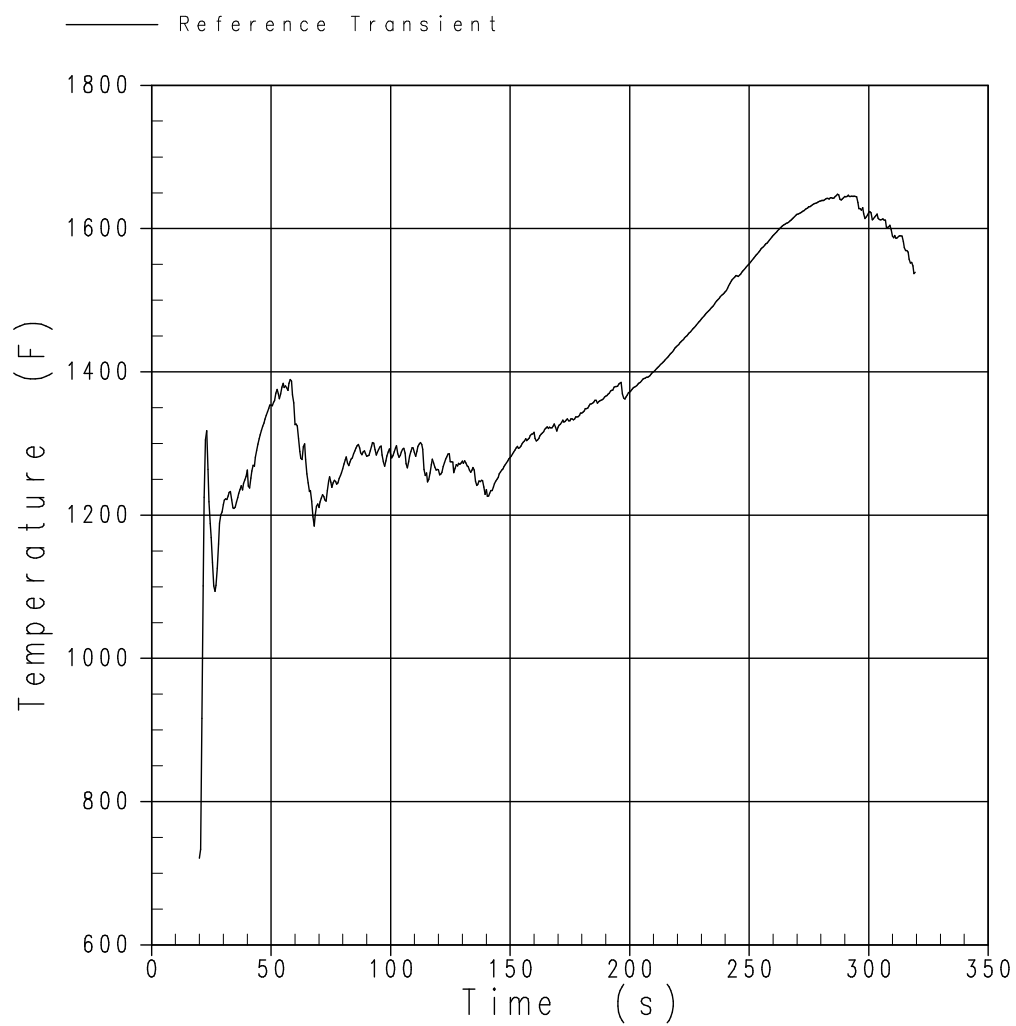
**Figure 15-234 LBLOCA Peak Cladding Temperature (Reference Transient)**

Figure 15-235. LBLOCA Liquid Mass Flowrate at Inlet to Hot Assembly

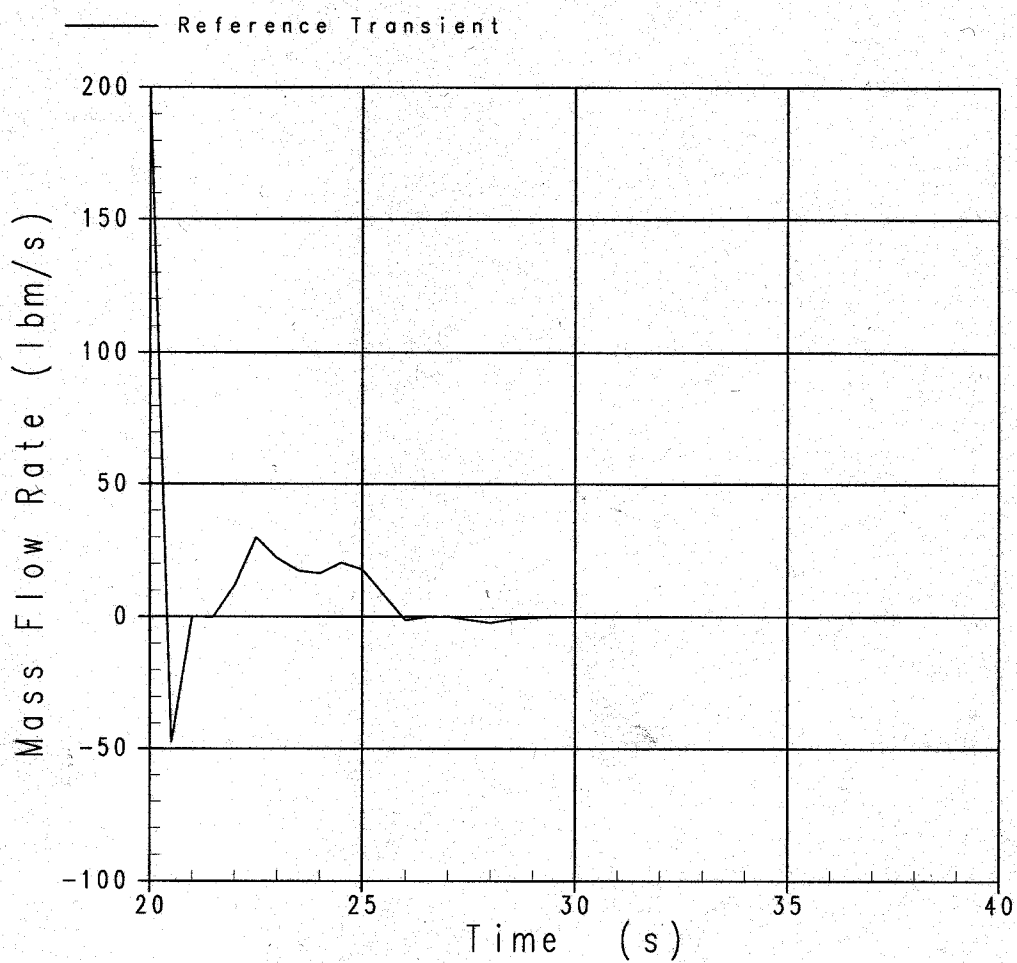
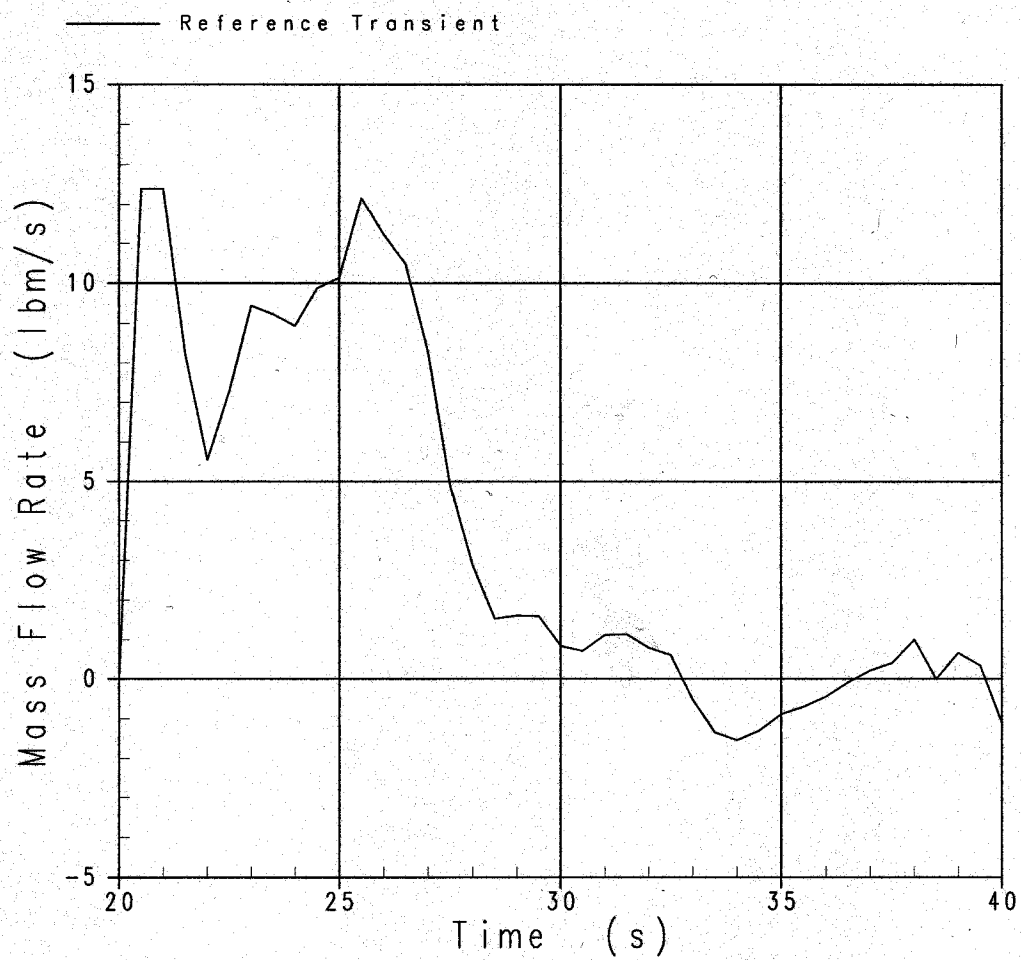
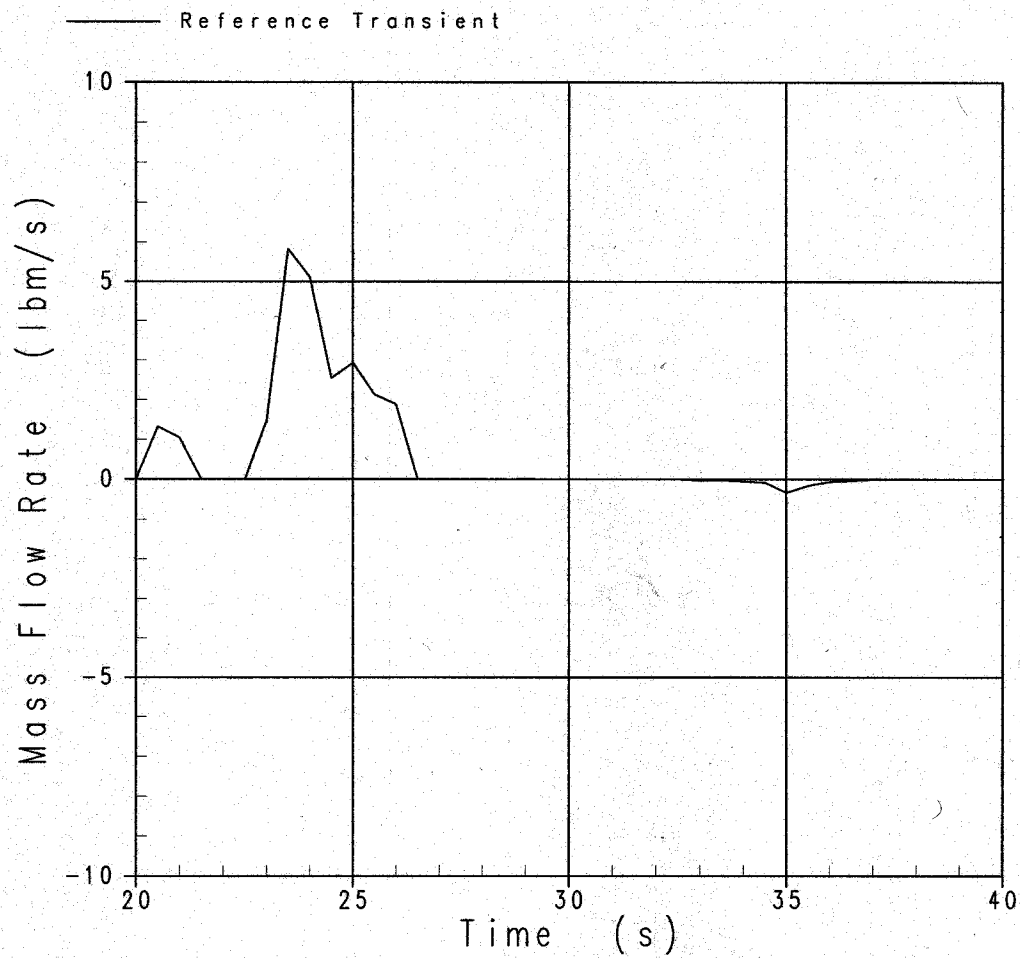
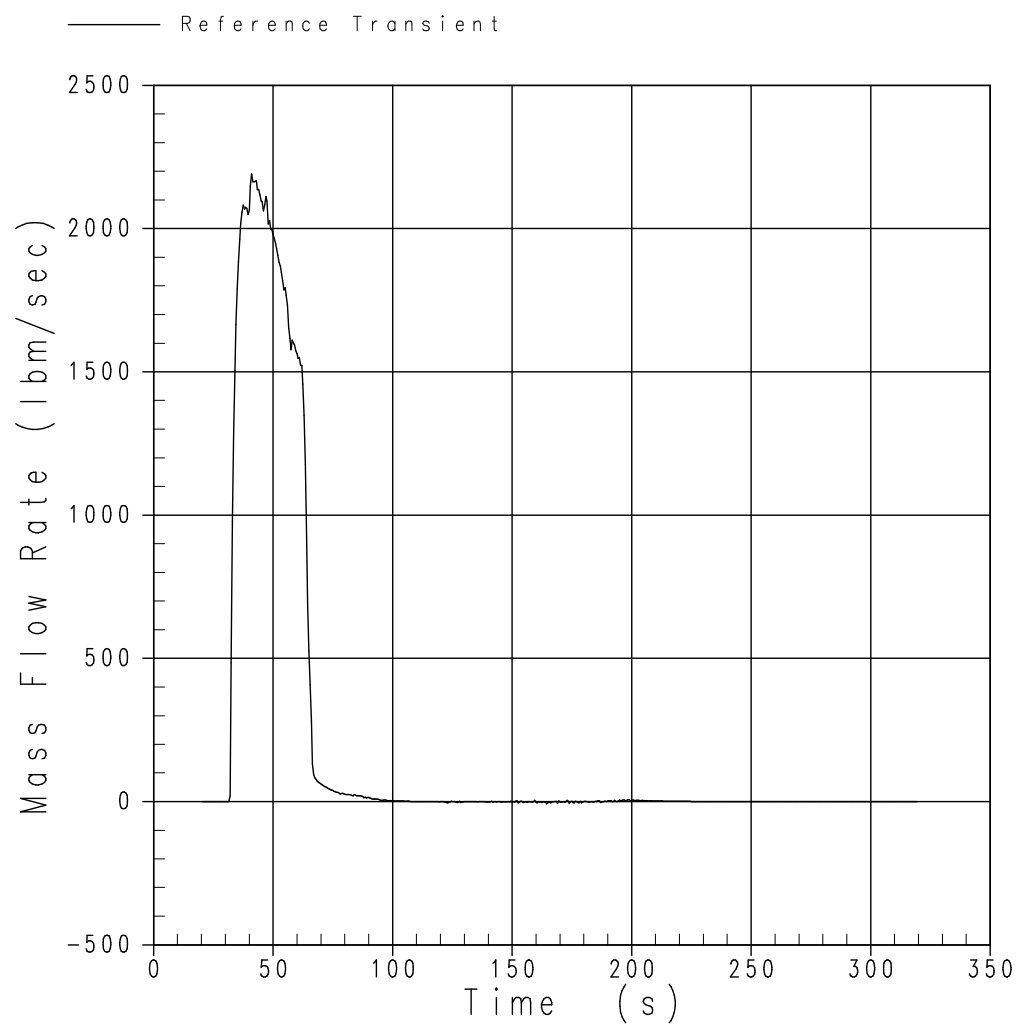
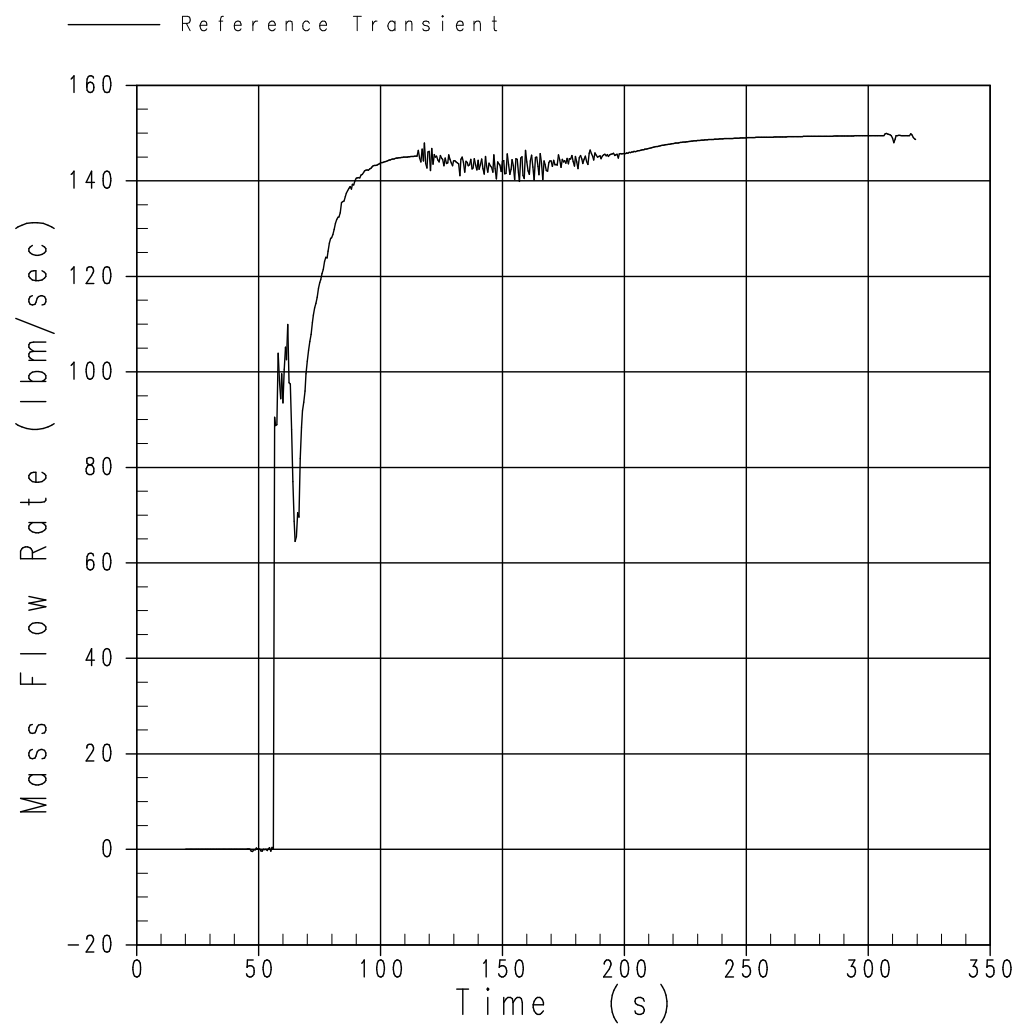


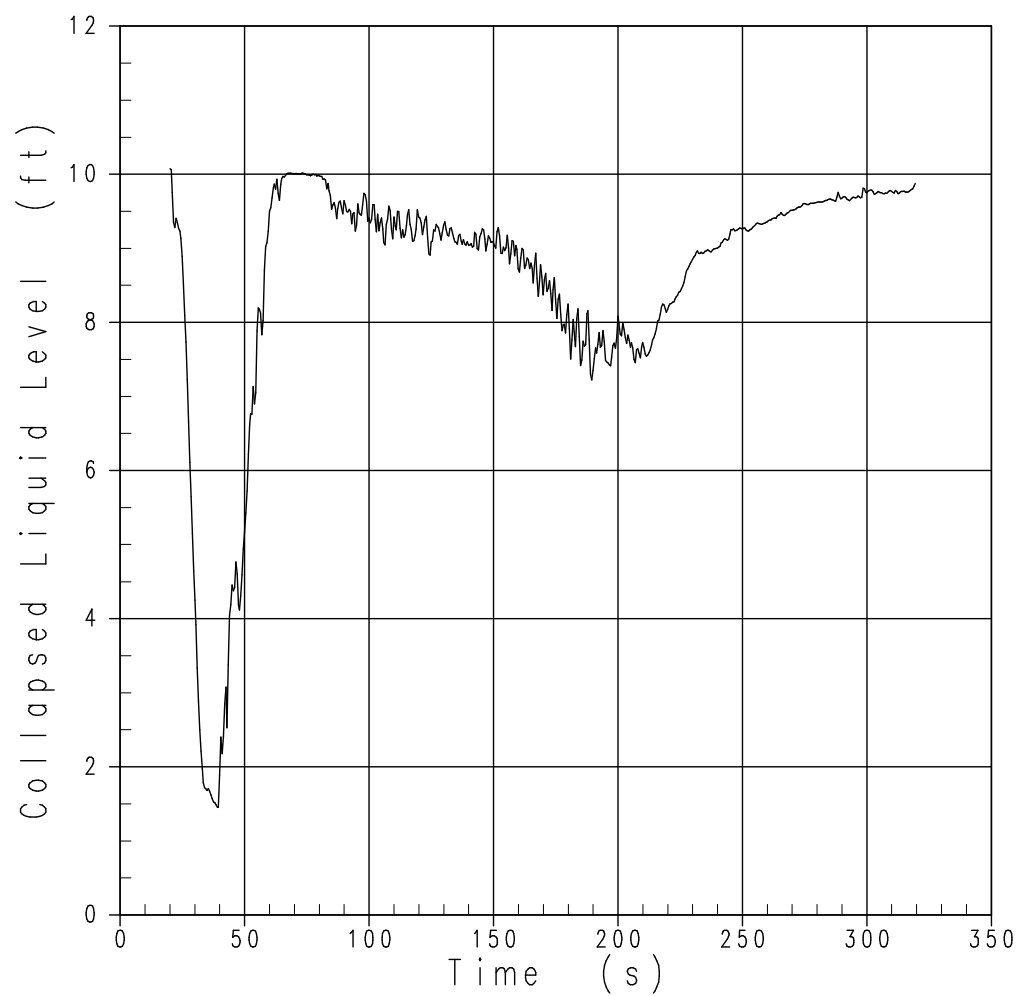
Figure 15-236. LBLOCA Vapor Mass Flowrate at Blowdown PCT Location

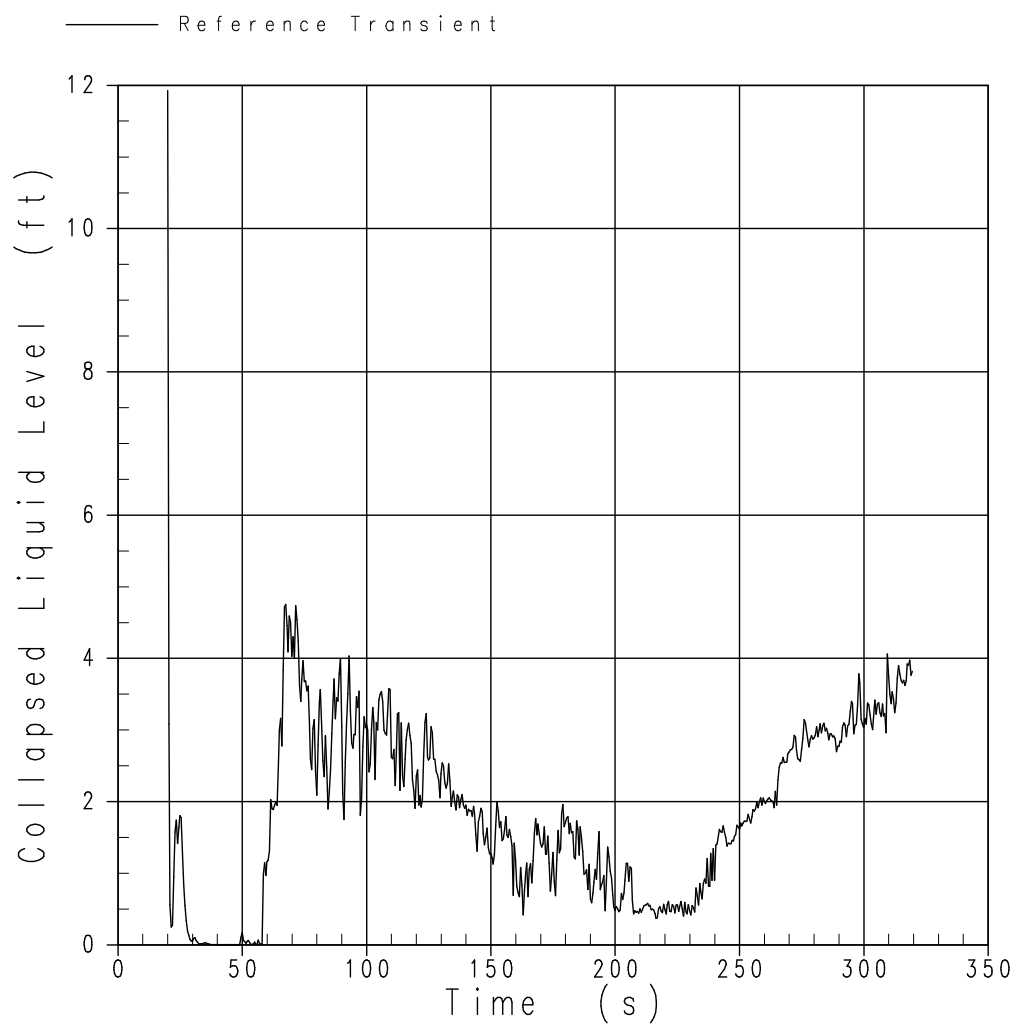


**Figure 15-237. LBLOCA Entrained Liquid Mass Flowrate at Blowdown PCT Location**

**Figure 15-238. LBLOCA Accumulator Discharge Flowrate**

**Figure 15-239. LBLOCA Pumped Safety Injection**

**Figure 15-240. LBLOCA Collapsed Liquid Level in the Lower Plenum**

**Figure 15-241. LBLOCA Collapsed Liquid Level in Hot Assembly**



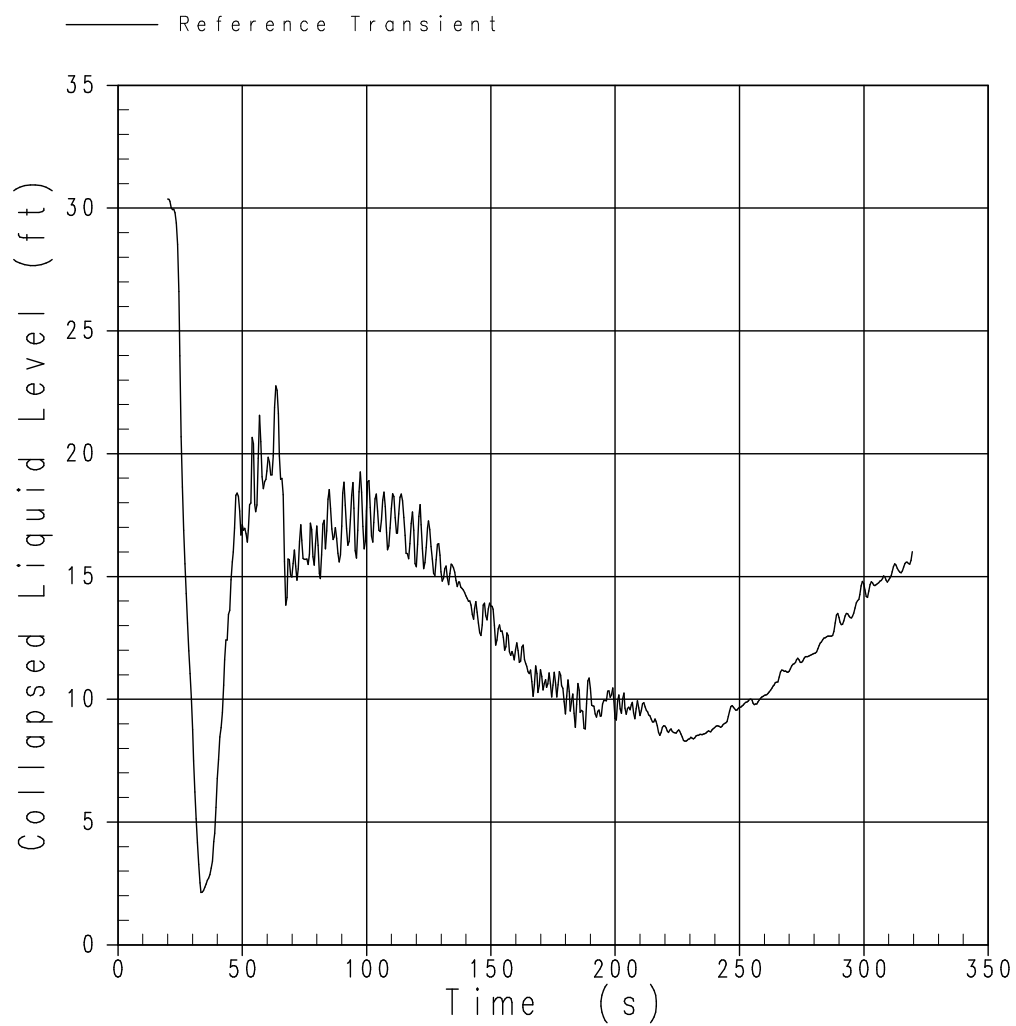
**Figure 15-242. LBLOCA Collapsed Liquid Level in Downcomer**

Figure 15-243. Duke Energy Best-Estimate LBLOCA

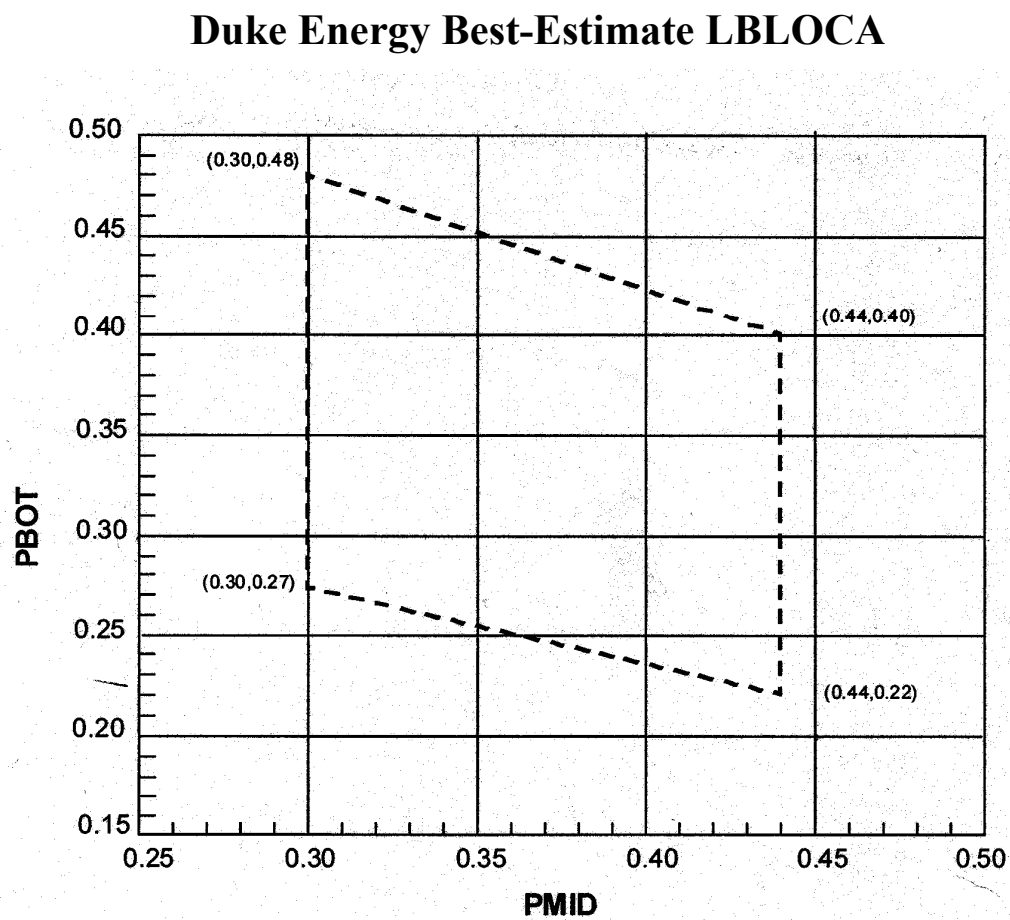


Figure 15-244. LBLOCA Axial Power Distribution for Reference Transient

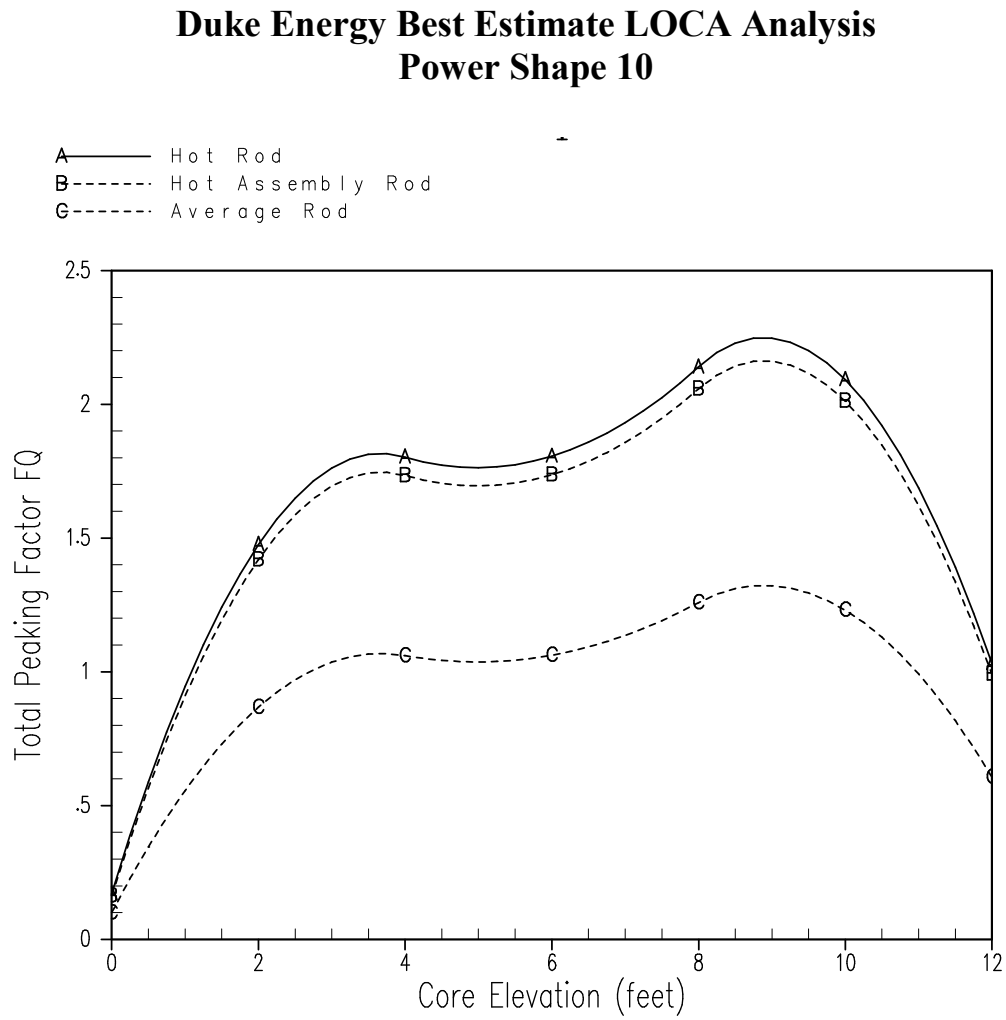
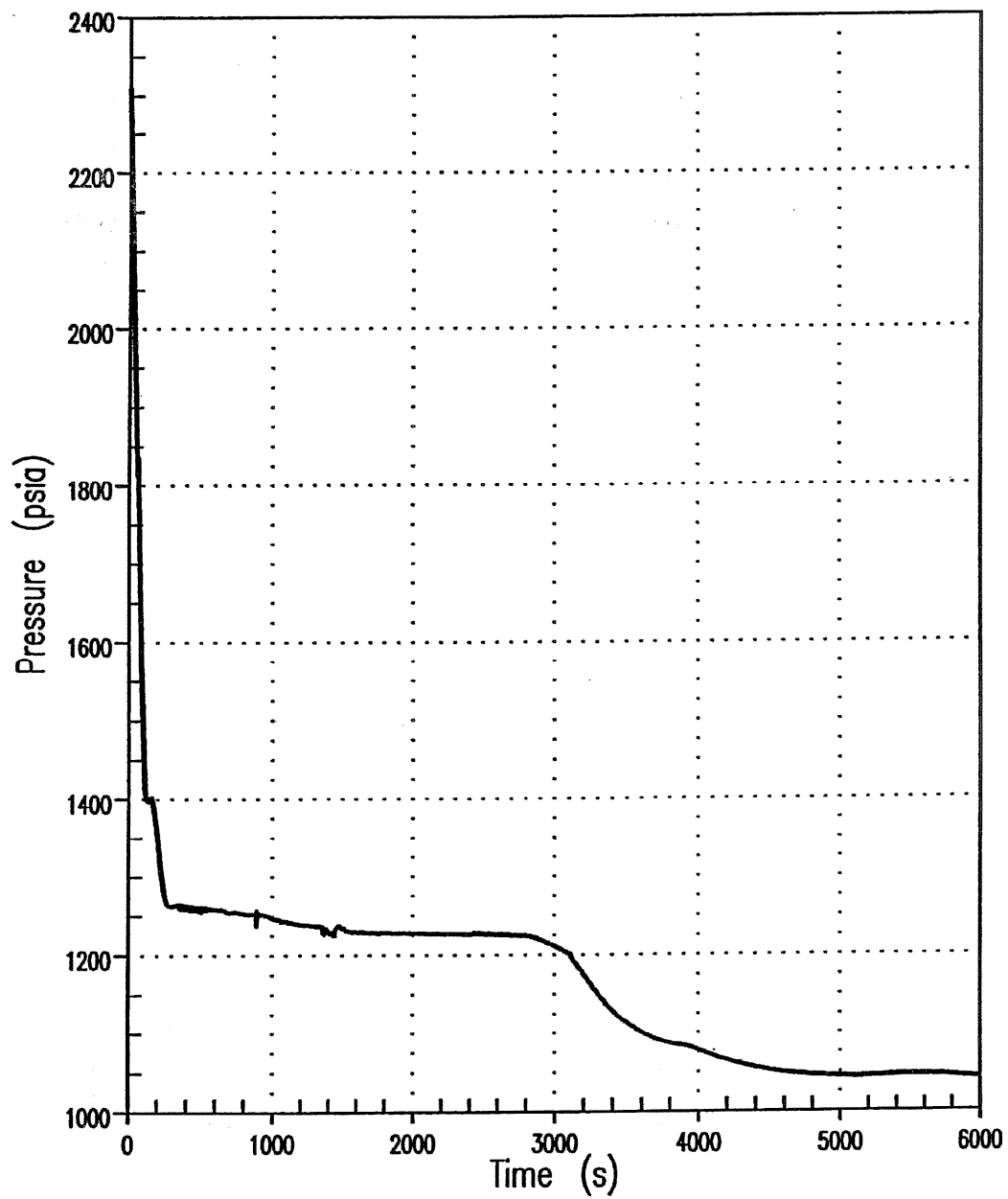


Figure 15-245. McGuire Units 1 and 2 2-Inch Pressurizer Pressure



(13 APR 2008)

Figure 15-246. McGuire Units 1 and 2 2-Inch Core Mixture Level

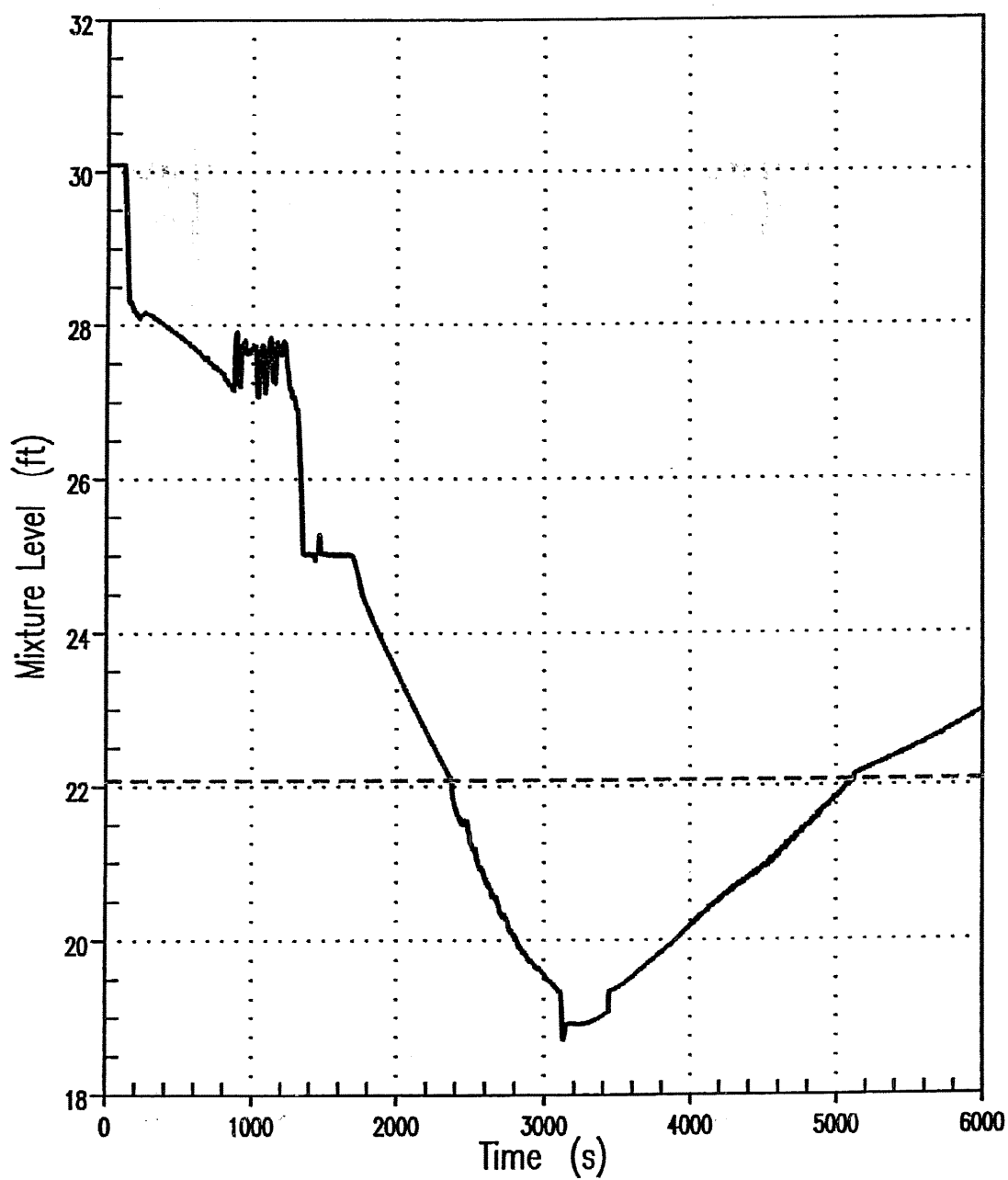
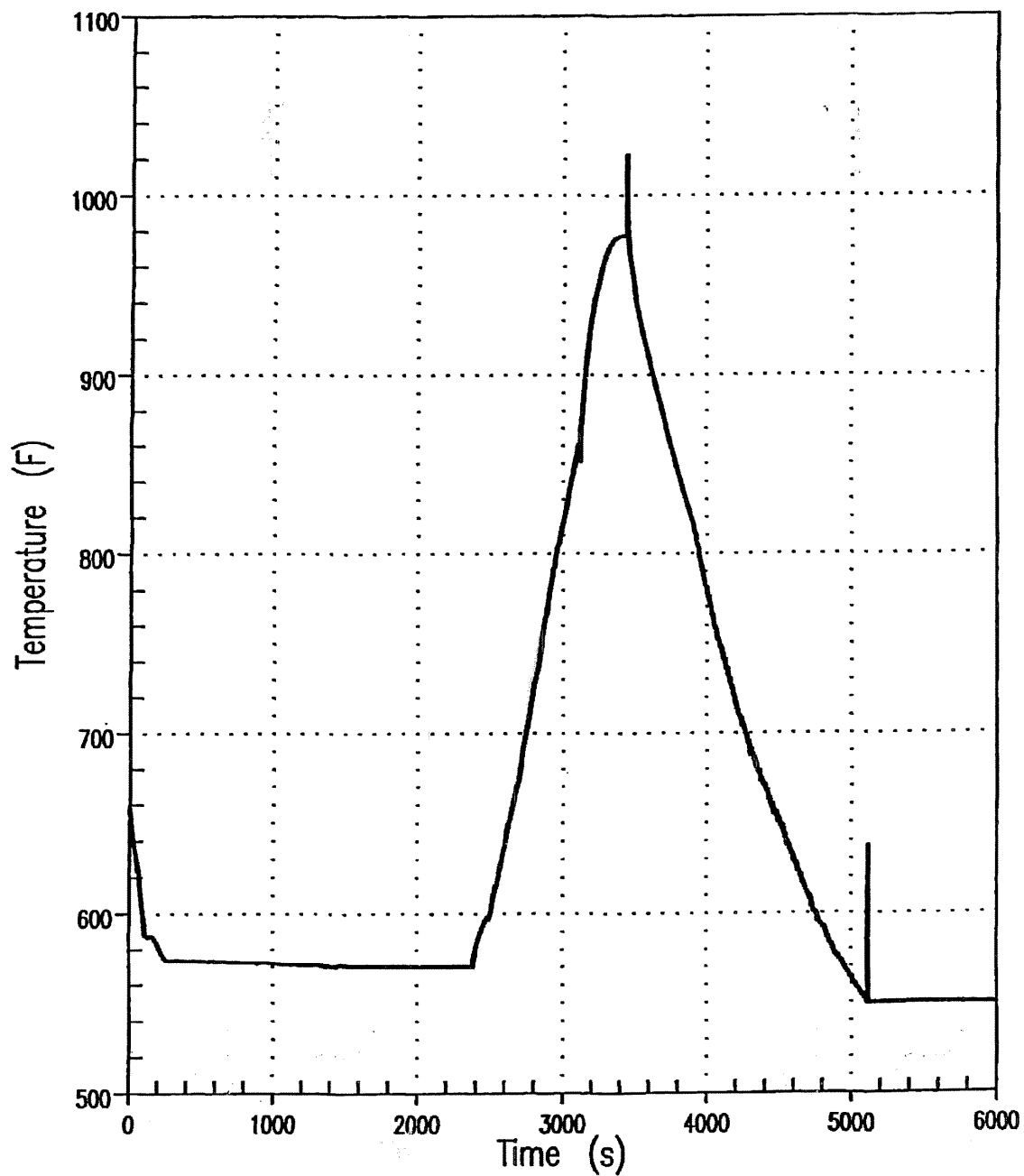


Figure 15-247. McGuire Units 1 and 2 2-Inch Core Exit Vapor Temperature



(13 APR 2008)

Figure 15-248. McGuire Units 1 and 2 2-Inch Break Vapor Flow and Upper Head Spray Nozzle Vapor Flow

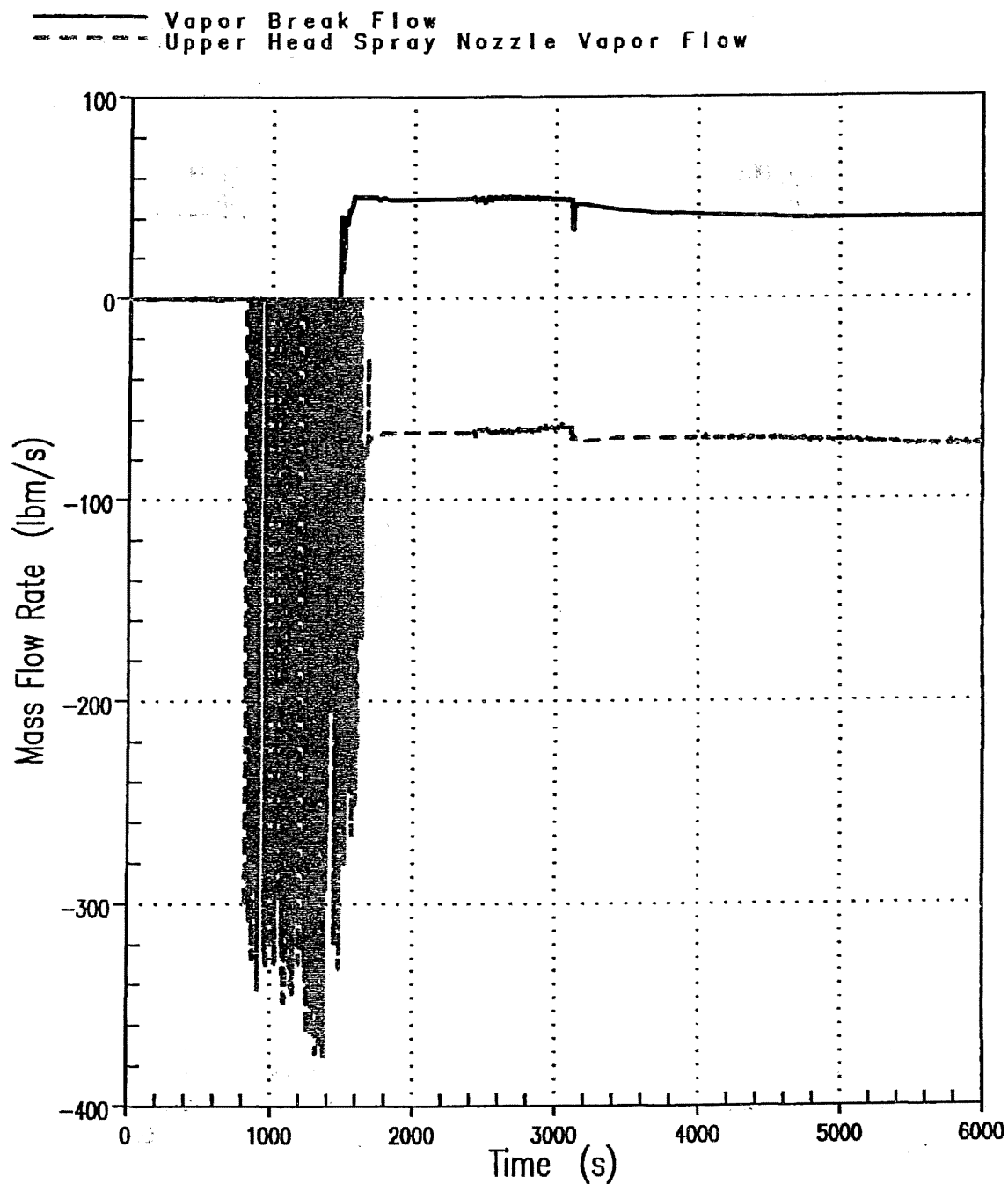


Figure 15-249. McGuire Units 1 and 2 2-Inch Break Liquid Flow and Total Safety Injection Flow

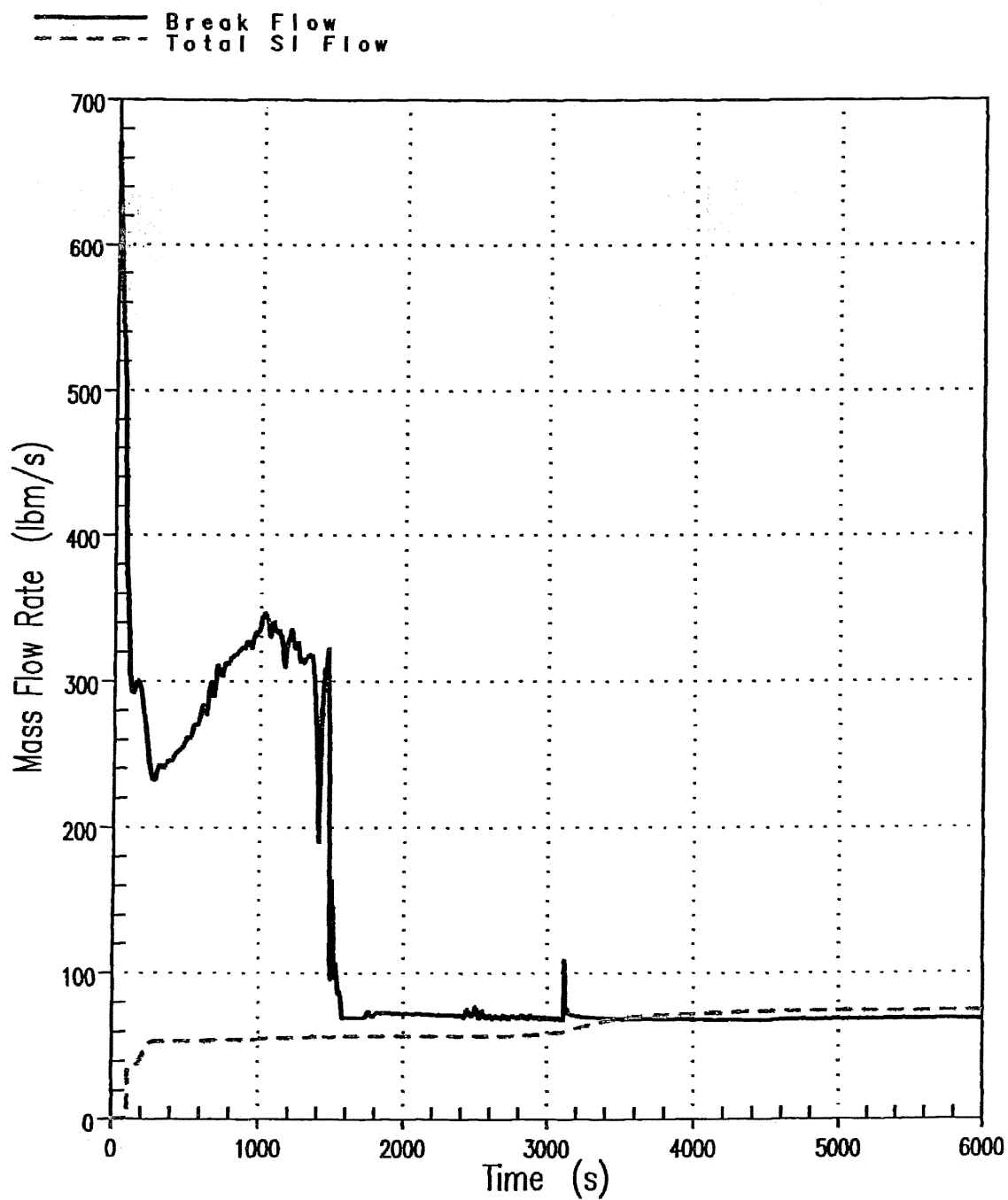
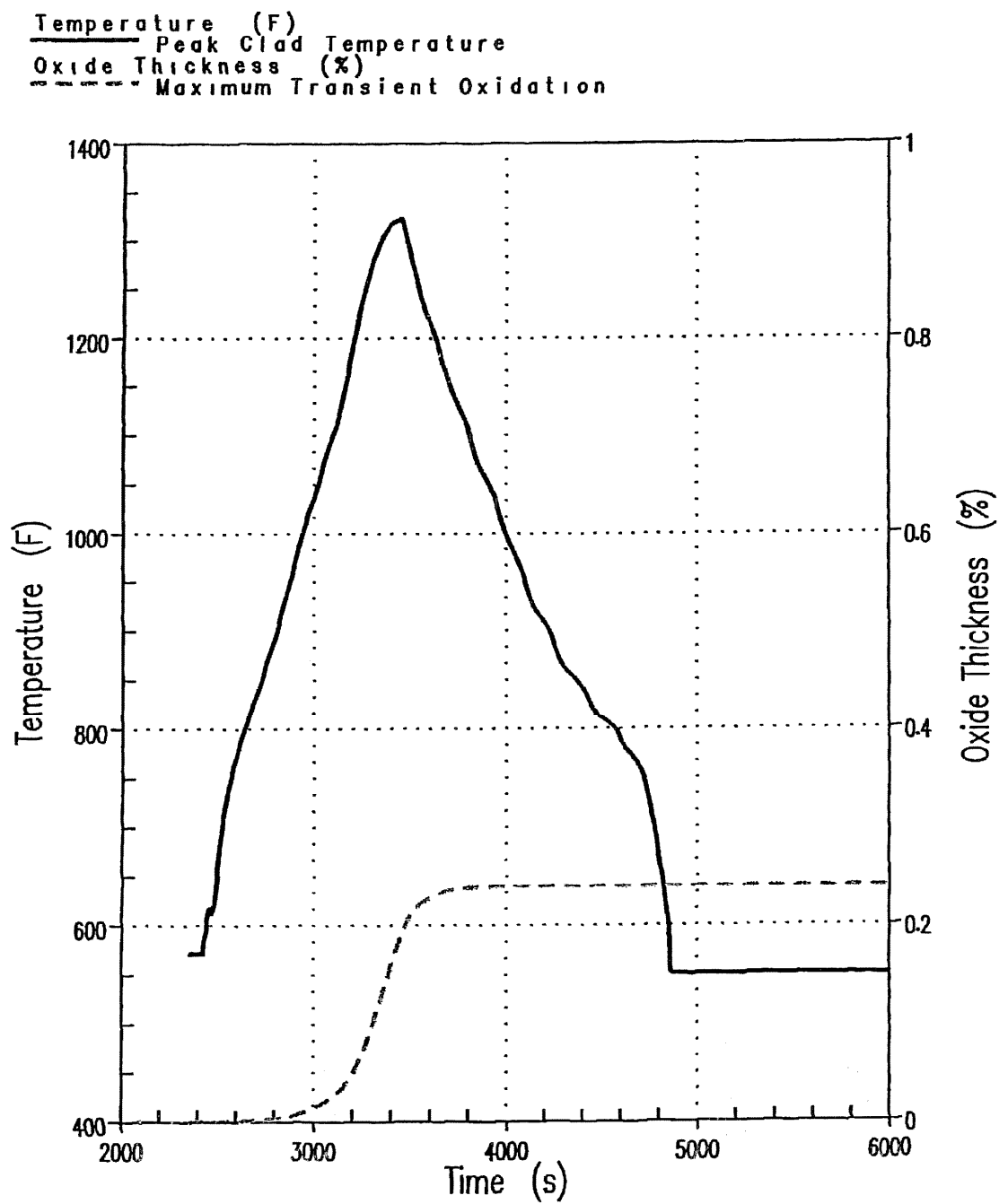




Figure 15-250. McGuire Units 1 and 2 2-Inch Peak Clad Temperature and Maximum Transient Oxidation



(13 APR 2008)

Figure 15-251. McGuire Units 1 and 2 2-Inch RCS Mass

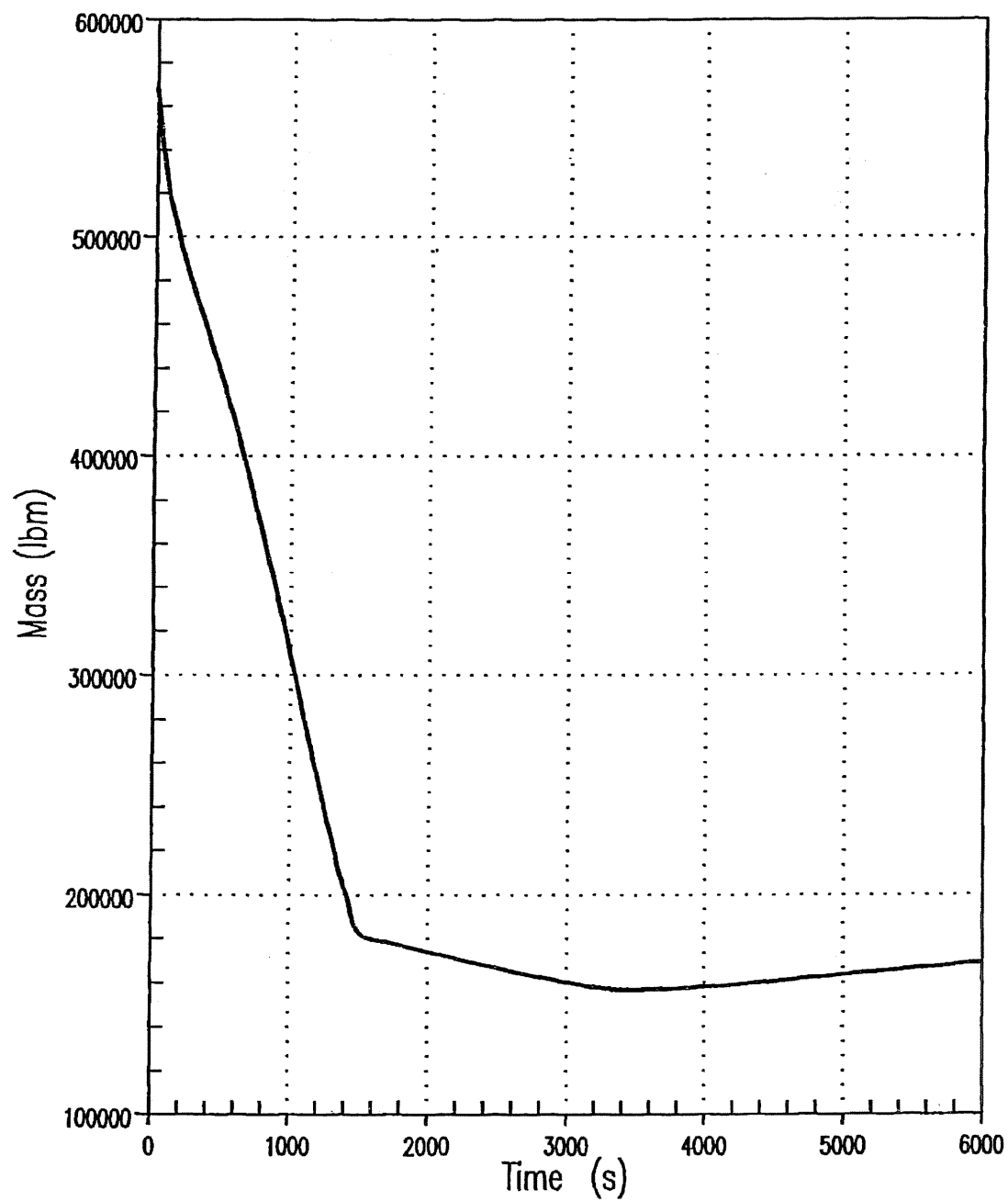


Figure 15-252. McGuire Units 1 and 2 3-Inch Pressurizer Pressure

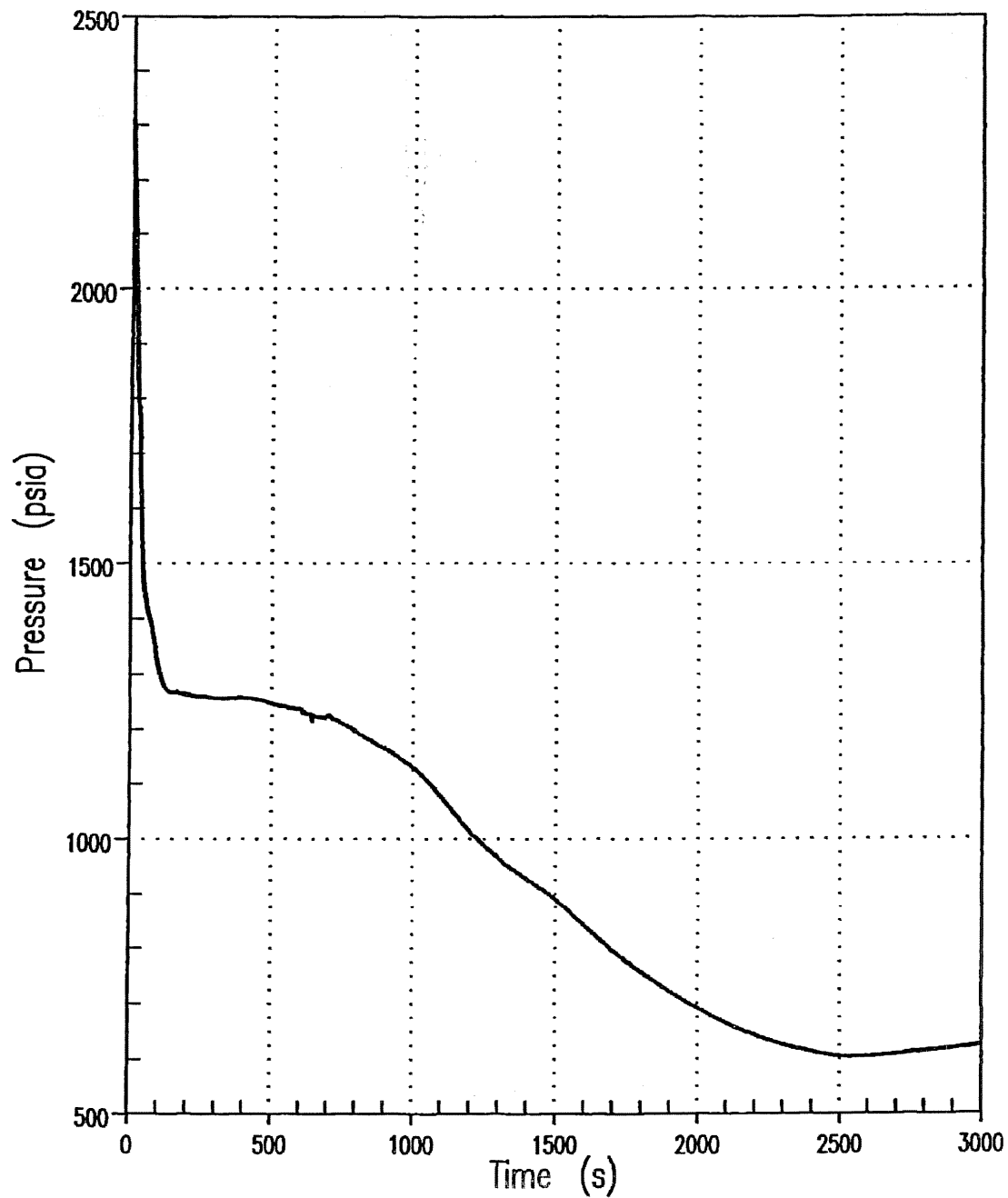
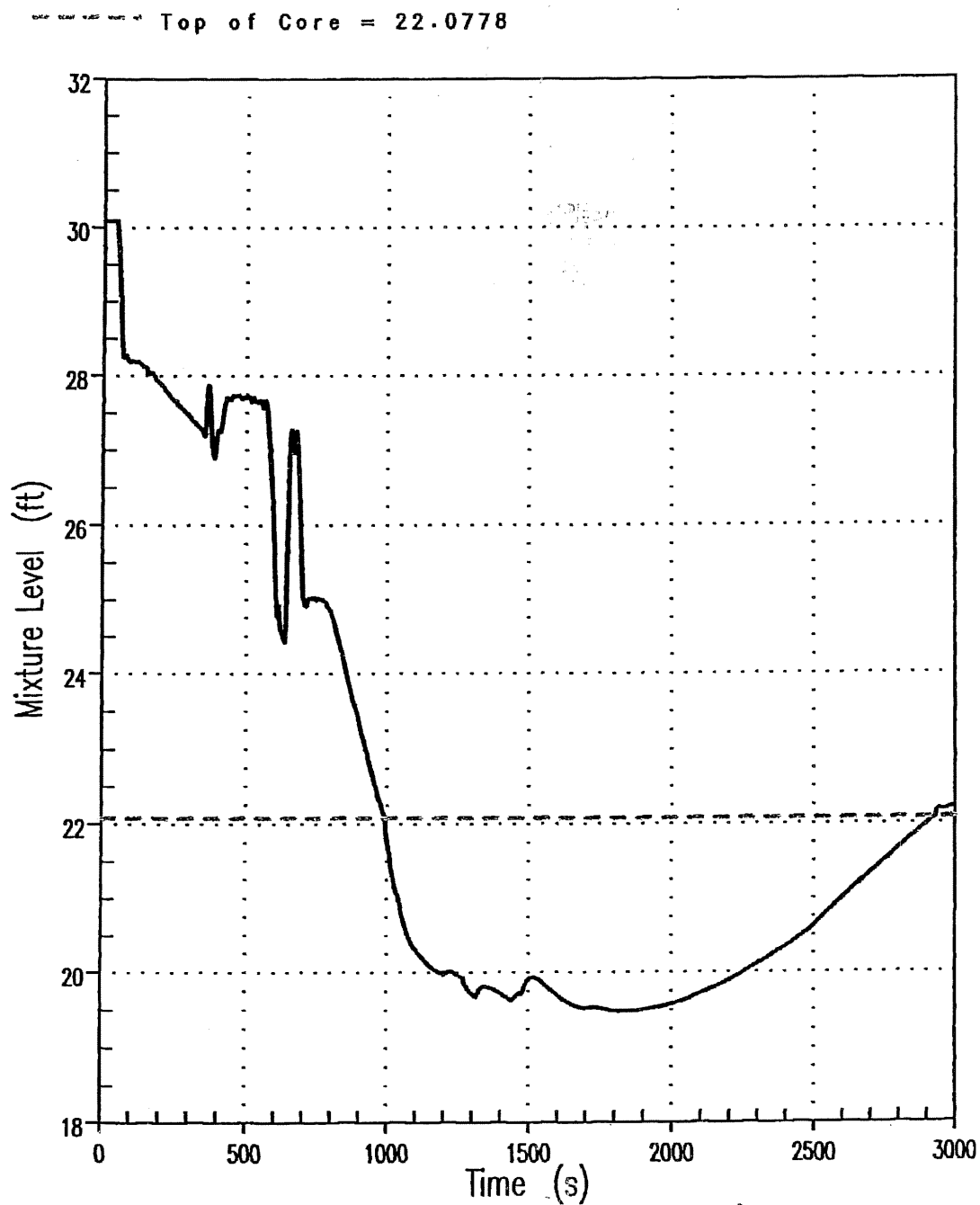


Figure 15-253. McGuire Units 1 and 2 3-Inch Core Mixture Level



(13 APR 2008)

Figure 15-254. McGuire Units 1 and 2 3-Inch Peak Clad Temperature and Maximum Transient Oxidation

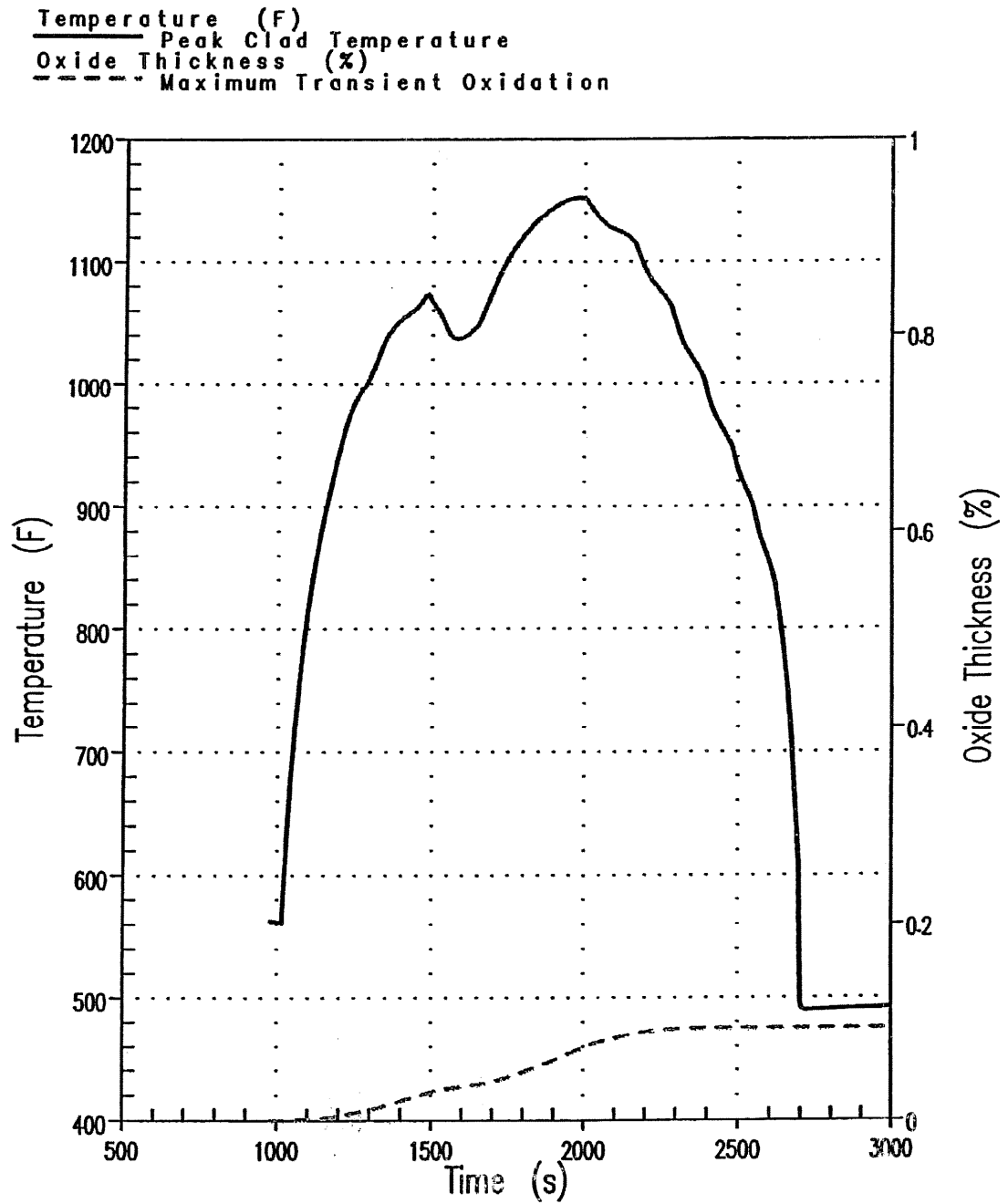
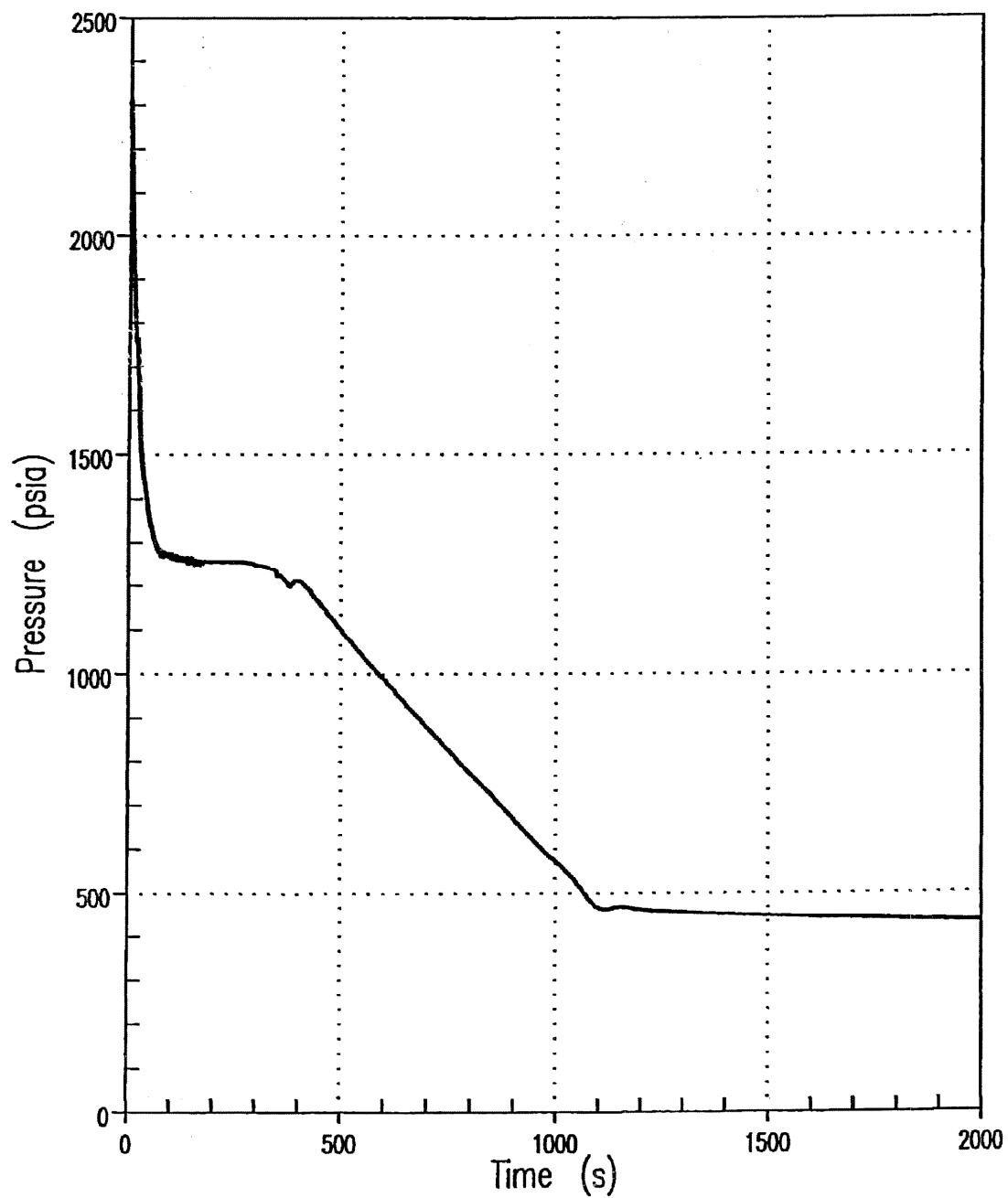
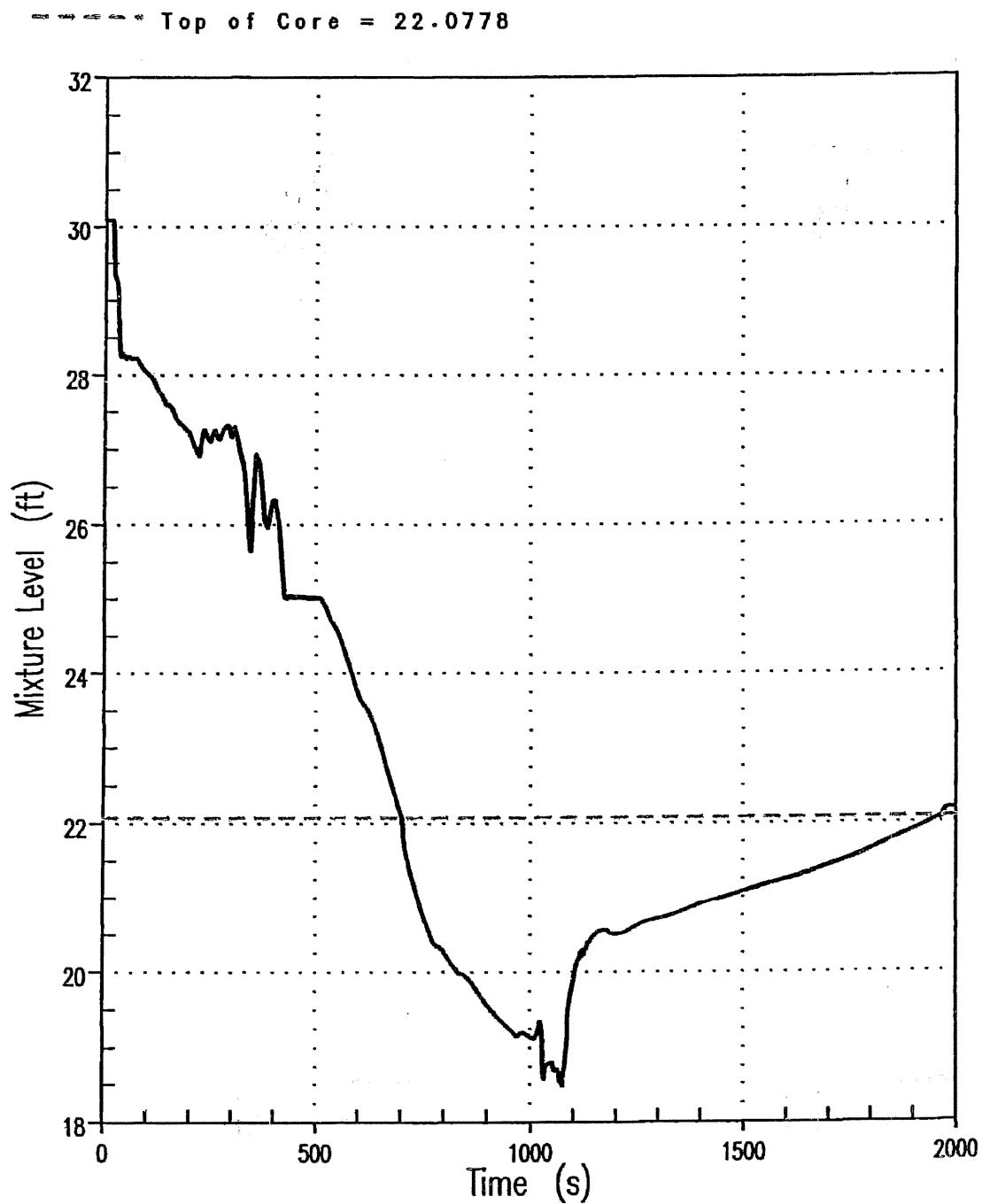


Figure 15-255. McGuire Units 1 and 2 4-Inch Pressurizer Pressure



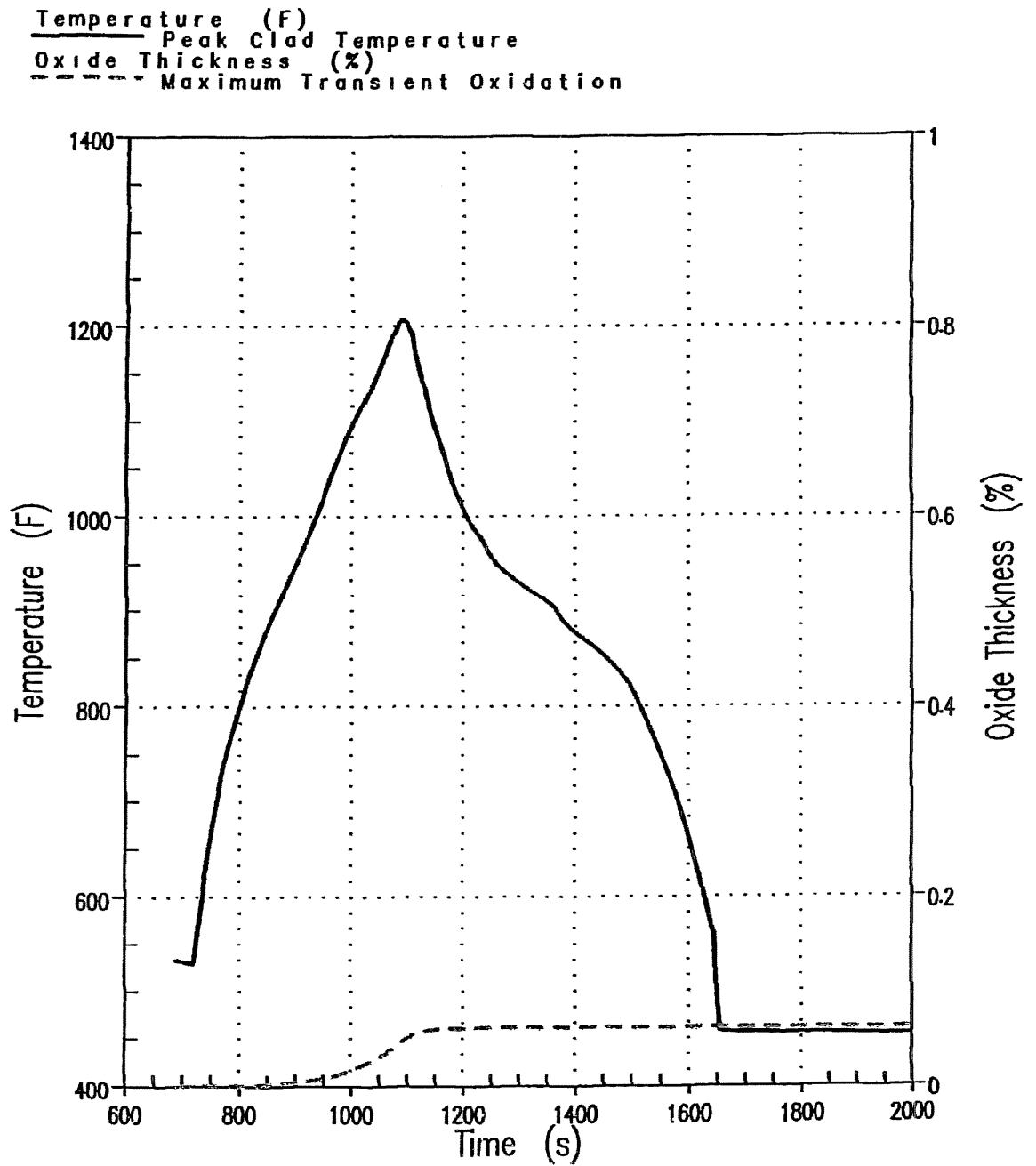
(13 APR 2008)

Figure 15-256. McGuire Units 1 and 2 4-Inch Core Mixture Level



(13 APR 2008)

Figure 15-257. McGuire Units 1 and 2 4-Inch Peak Clad Temperature and Maximum Transient Oxidation



(13 APR 2008)



Figure 15-258. McGuire Units 1 and 2 1-1/2-Inch Pressurizer Pressure

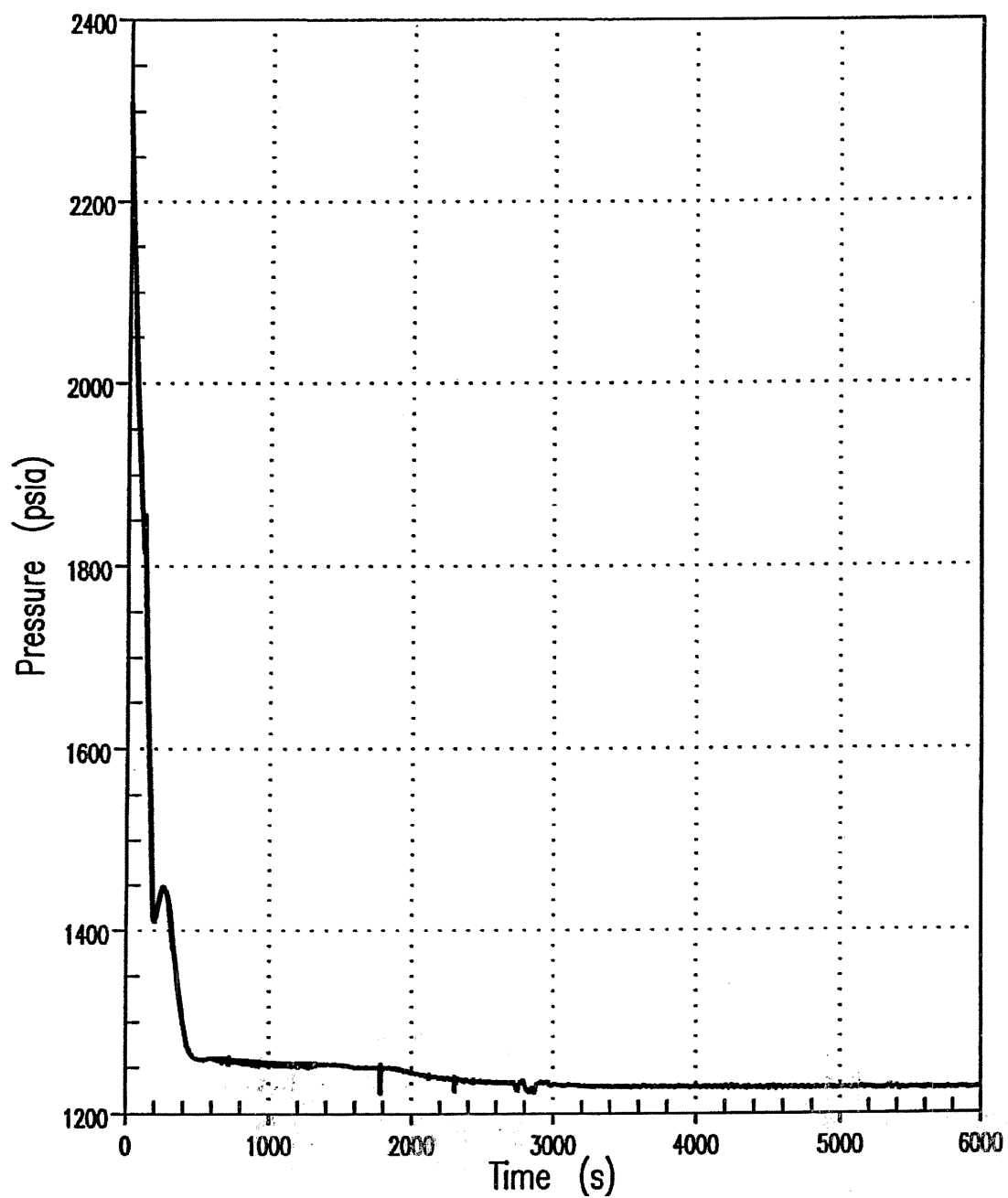
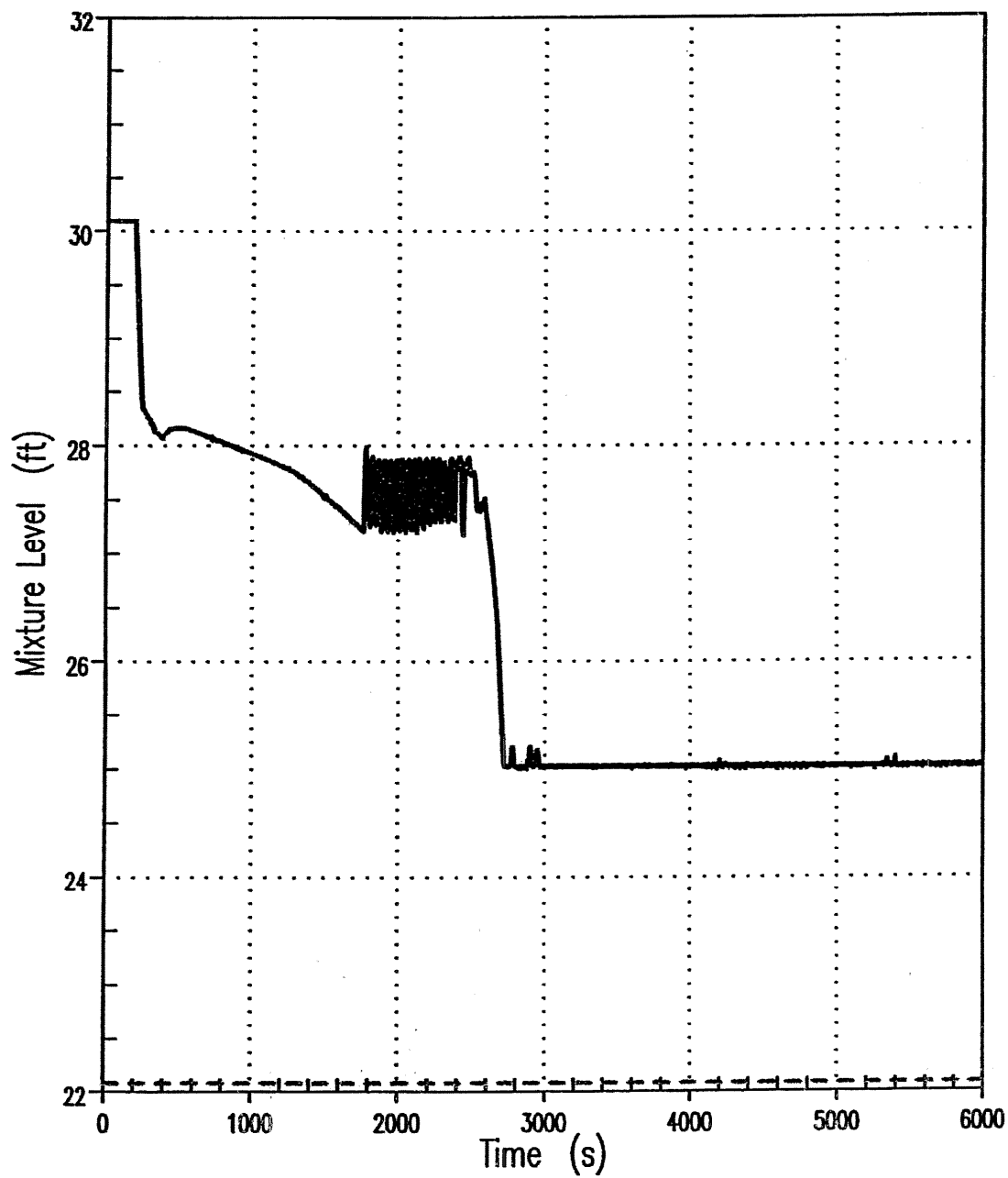
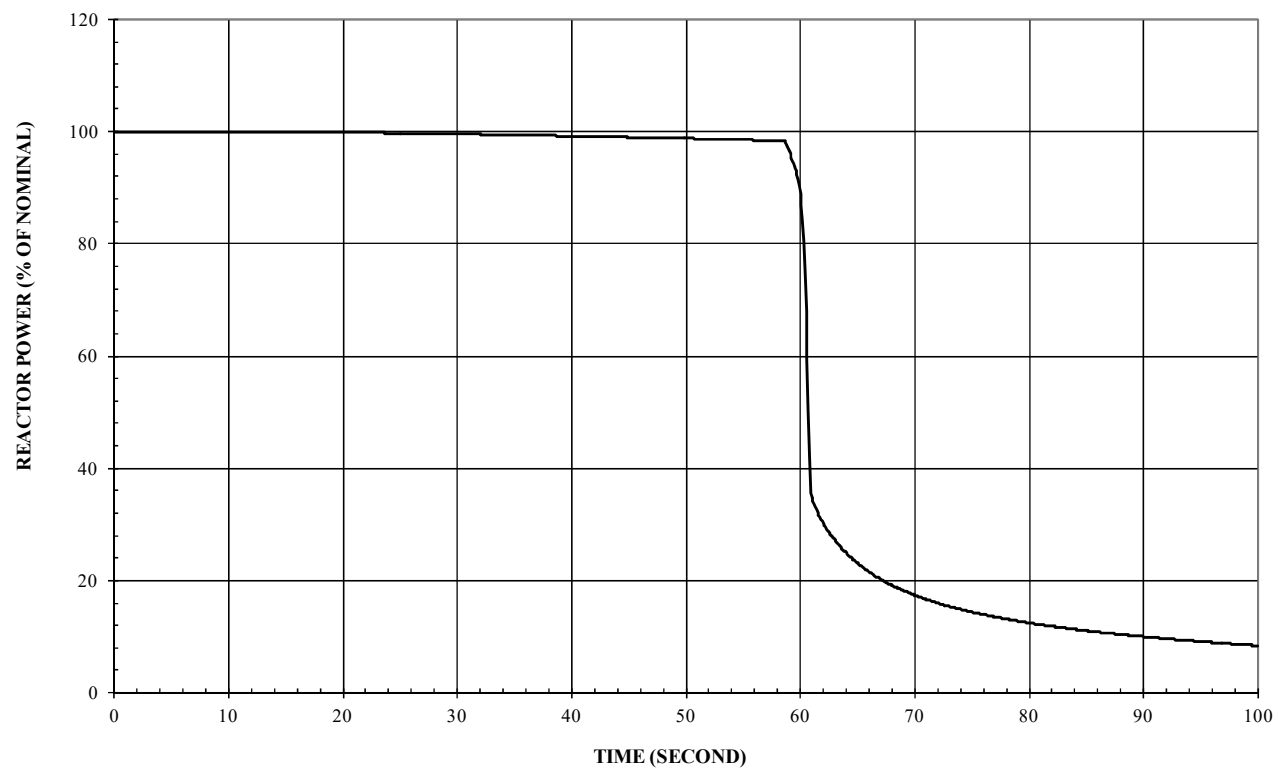


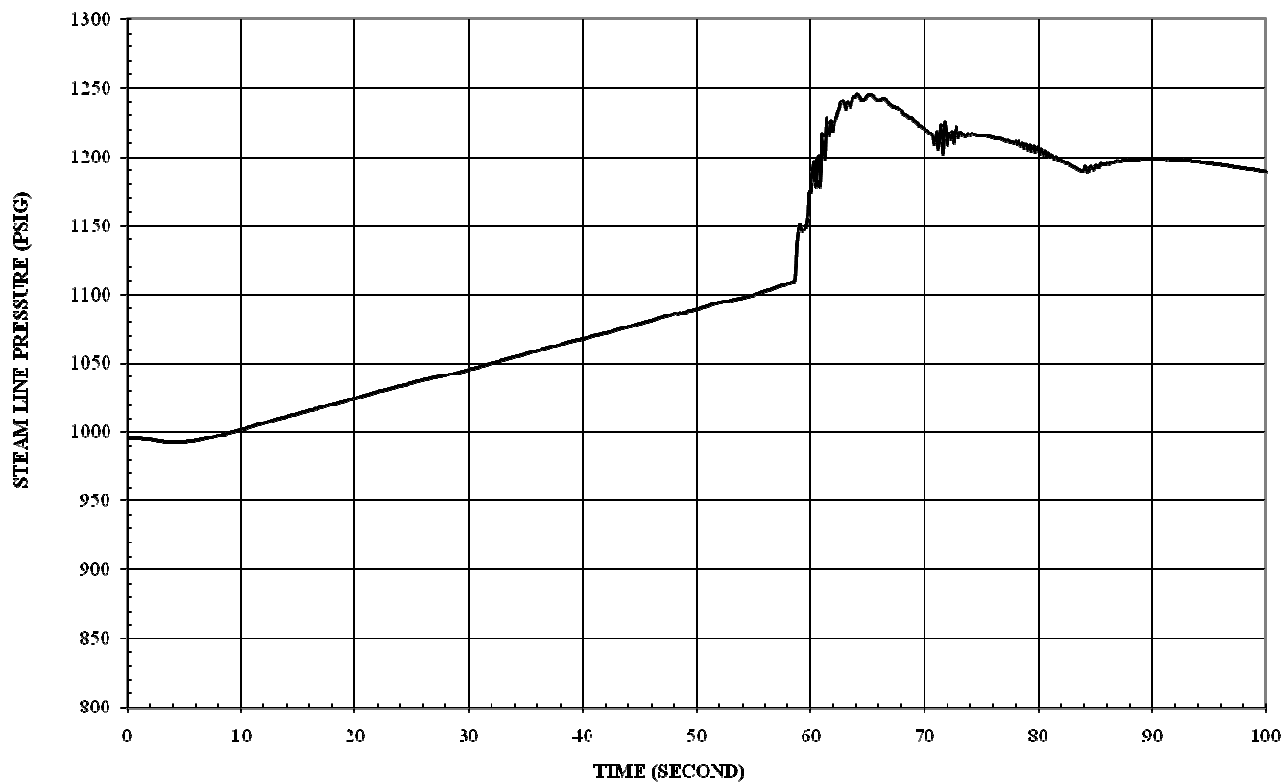
Figure 15-259. McGuire Units 1 and 2 1-1/2-Inch Core Mixture Level

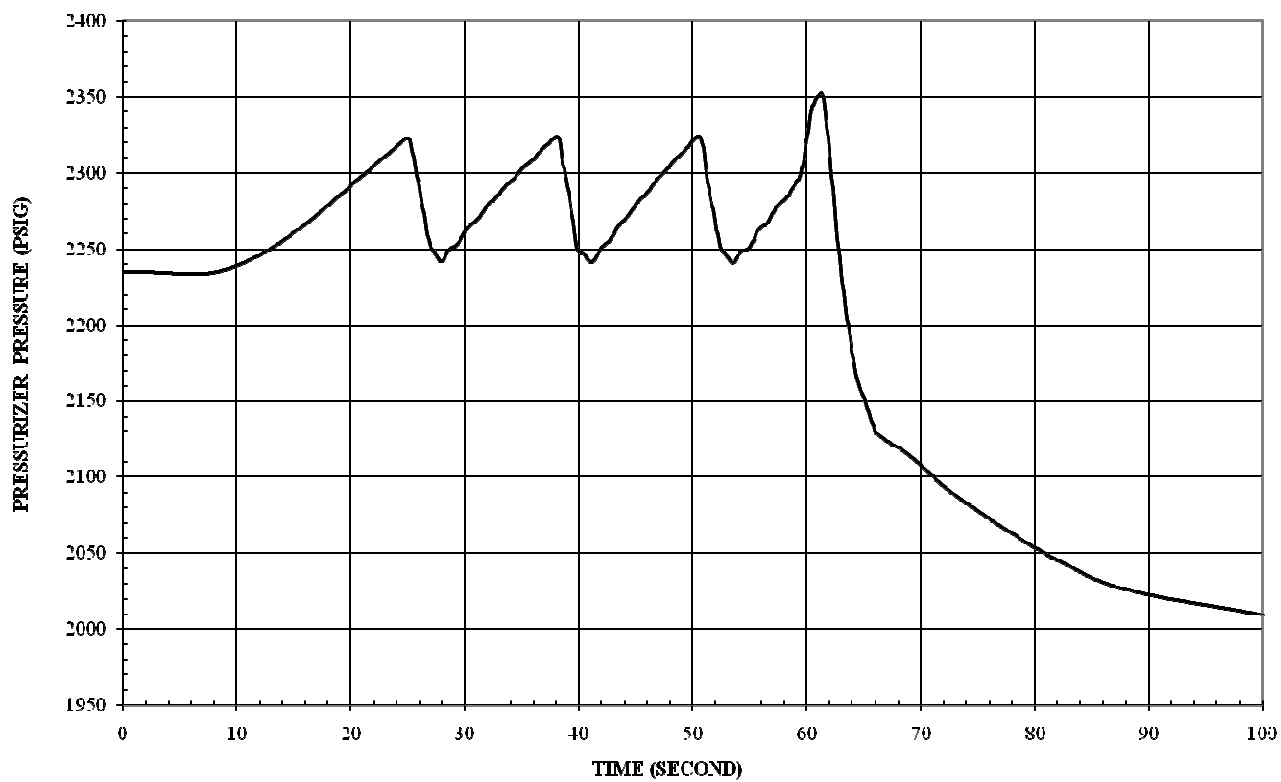


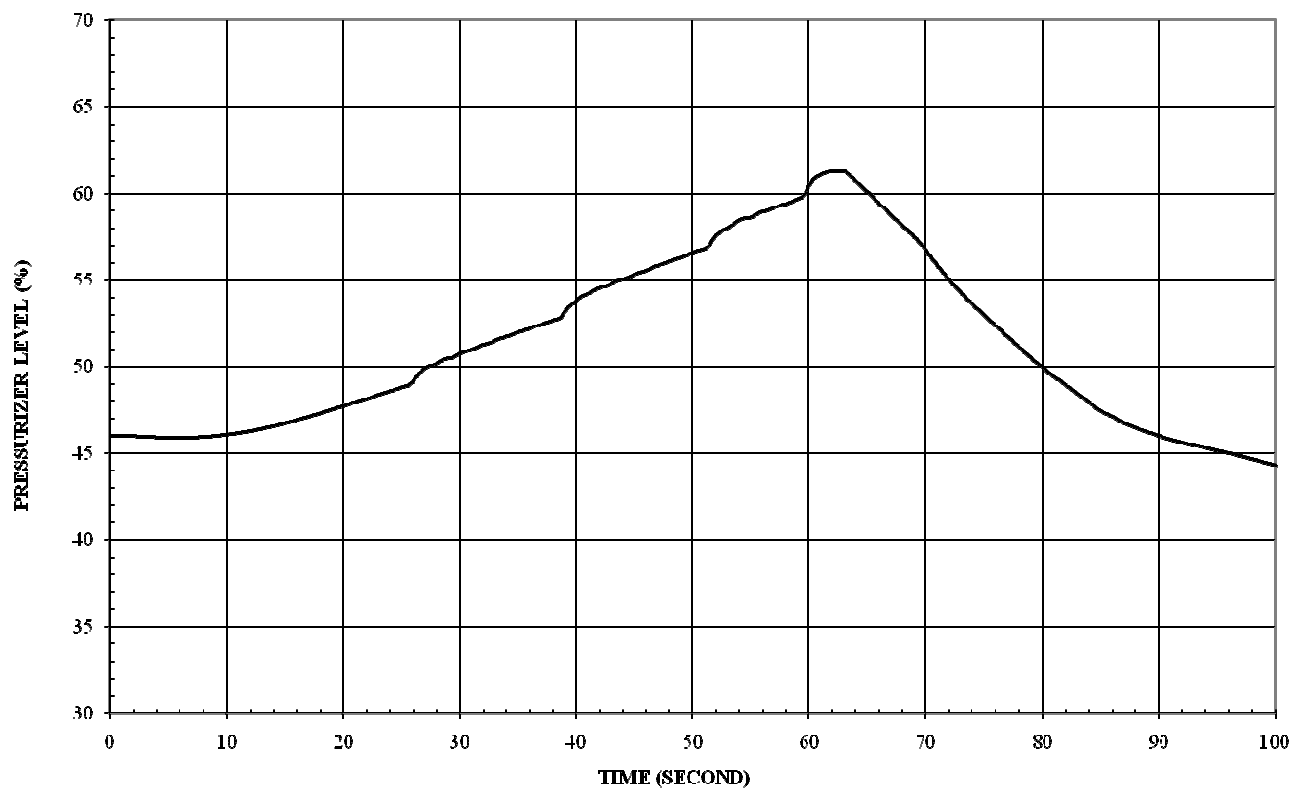
**Figure 15-260. Deleted Per 2008 Update**

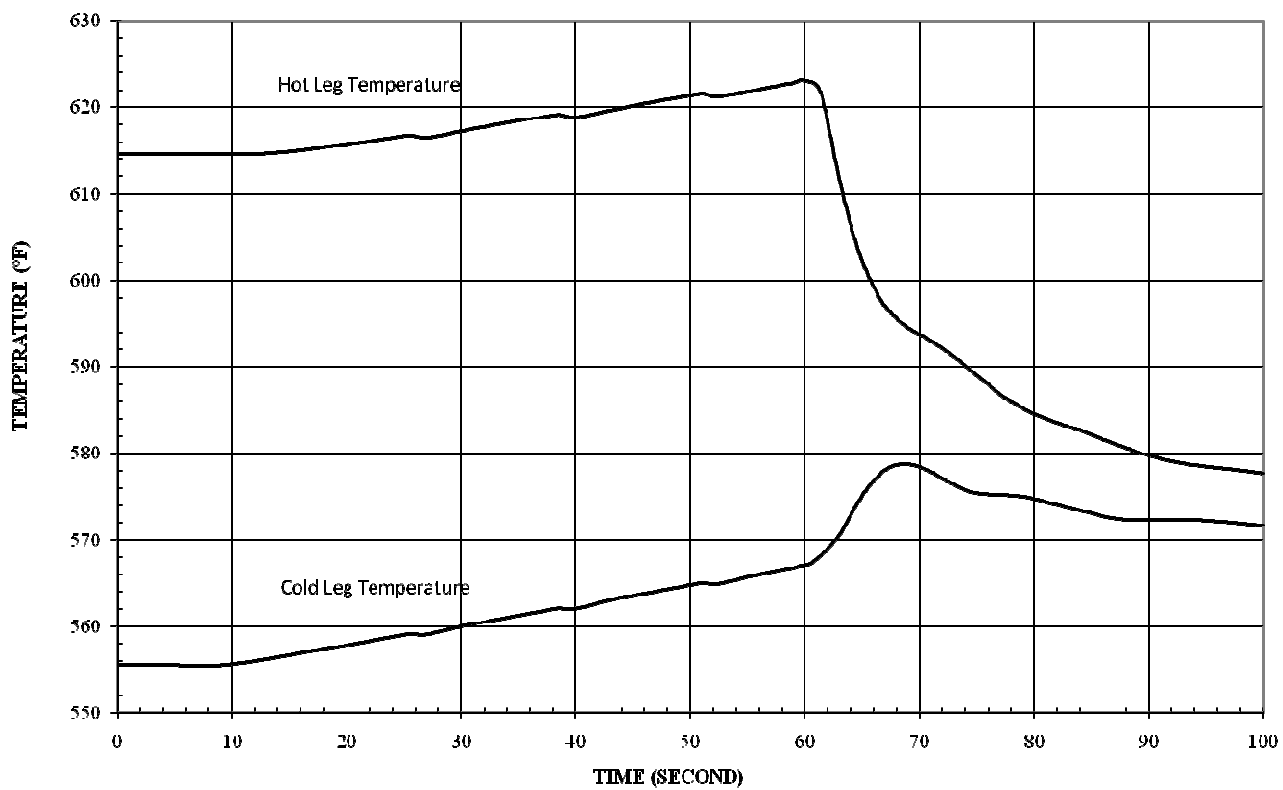
**(13 APR 2008)**

**Figure 15-261. Loss of Normal Feedwater – Short Term Core Cooling**

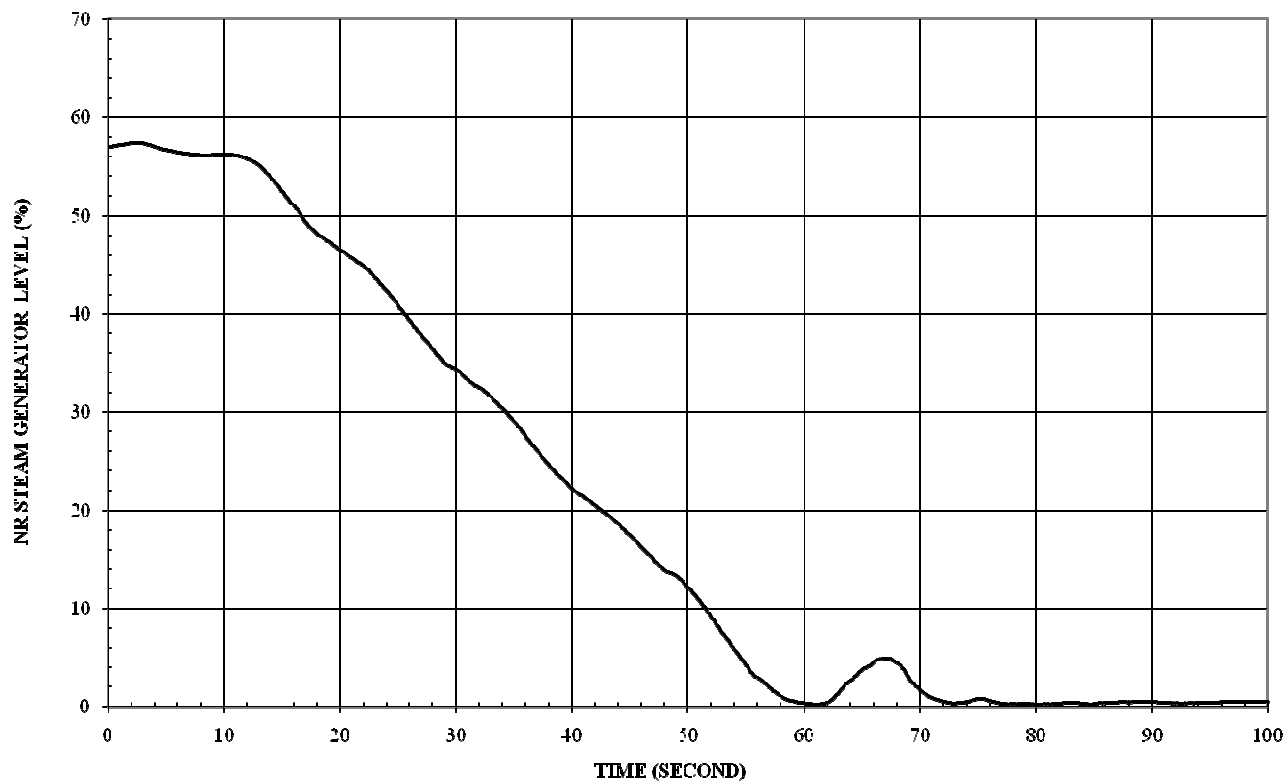
**Figure 15-262. Loss of Normal Feedwater – Short Term Core Cooling**

**Figure 15-263. Loss of Normal Feedwater – Short Term Core Cooling**

**Figure 15-264. Loss of Normal Feedwater – Short Term Core Cooling**

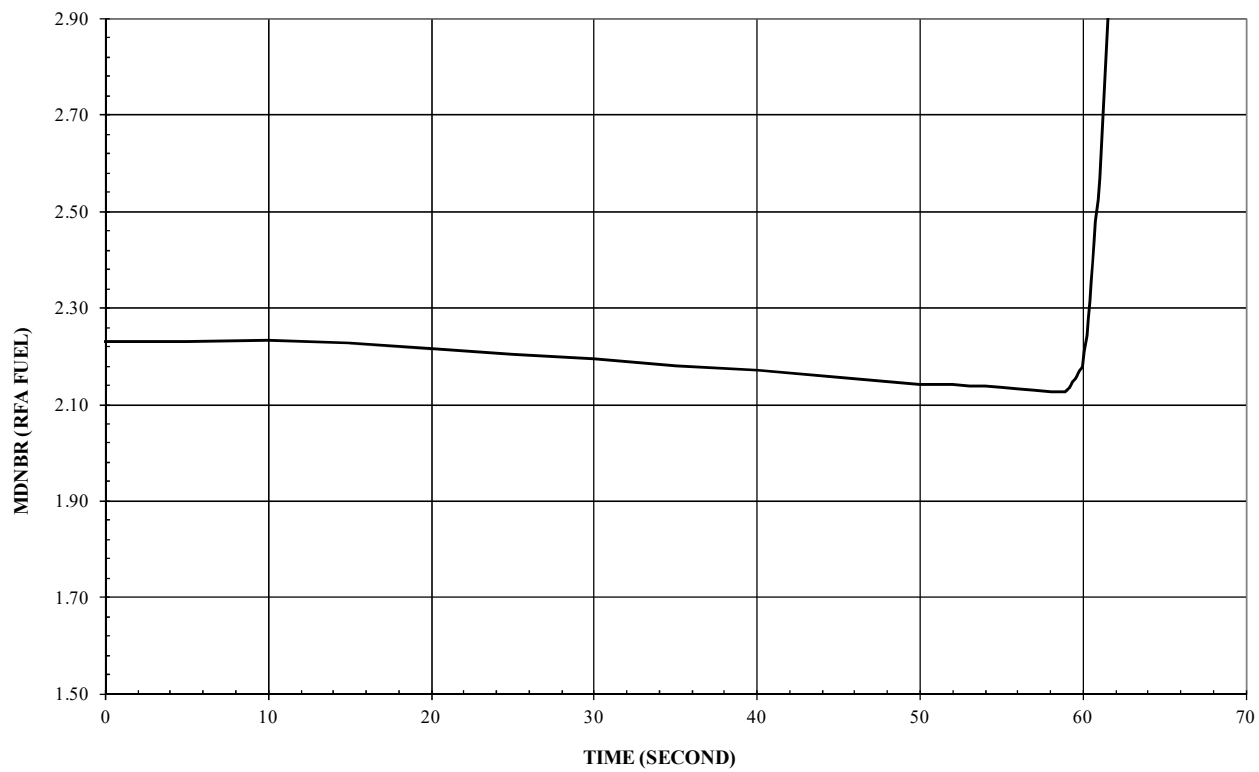
**Figure 15-265. Loss of Normal Feedwater – Short Term Core Cooling**

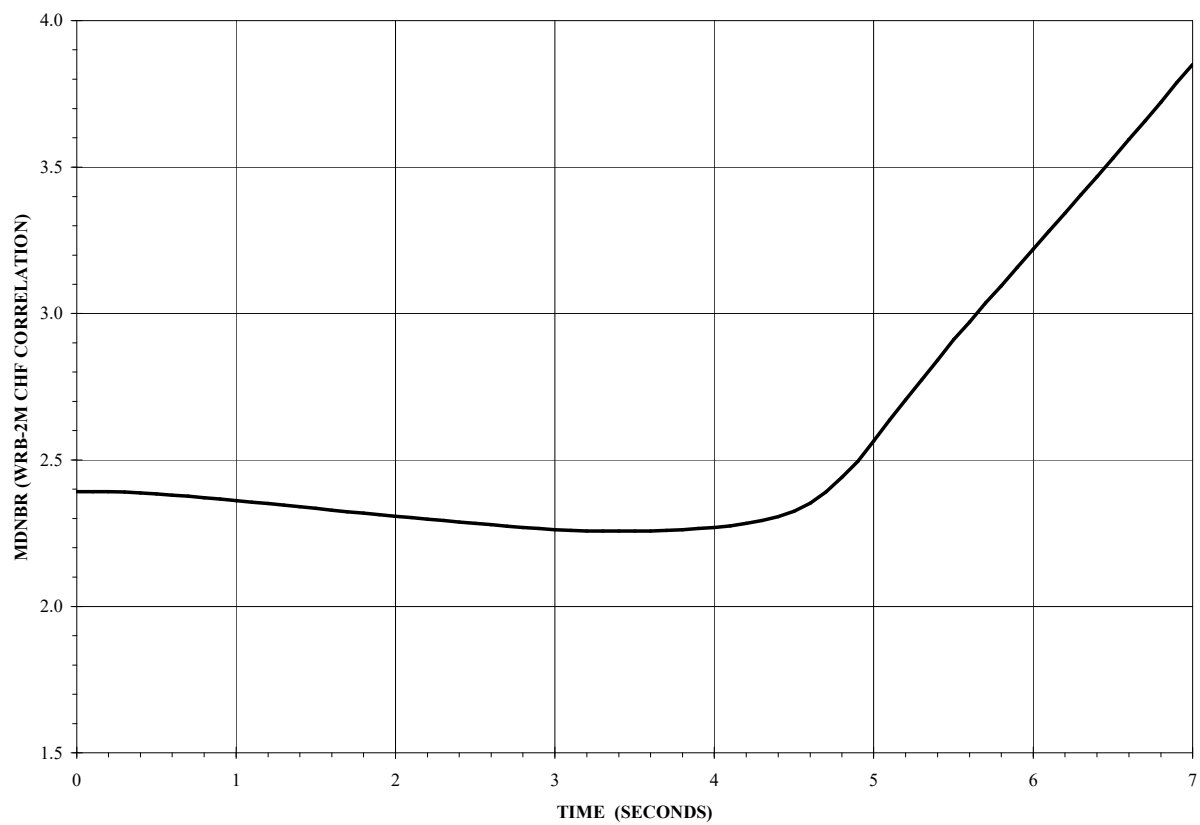


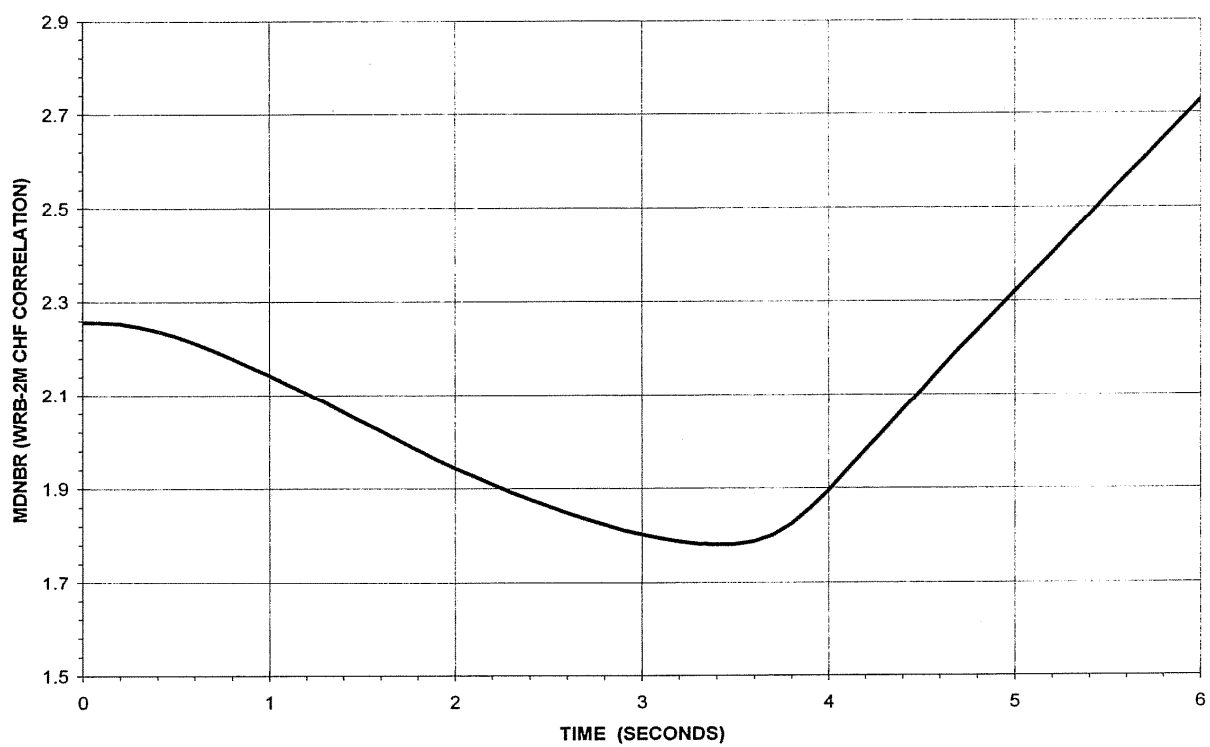
**Figure 15-266. Loss of Normal Feedwater - Short Term Core Cooling**

**Figure 15-267. Deleted Per 2011 Update**

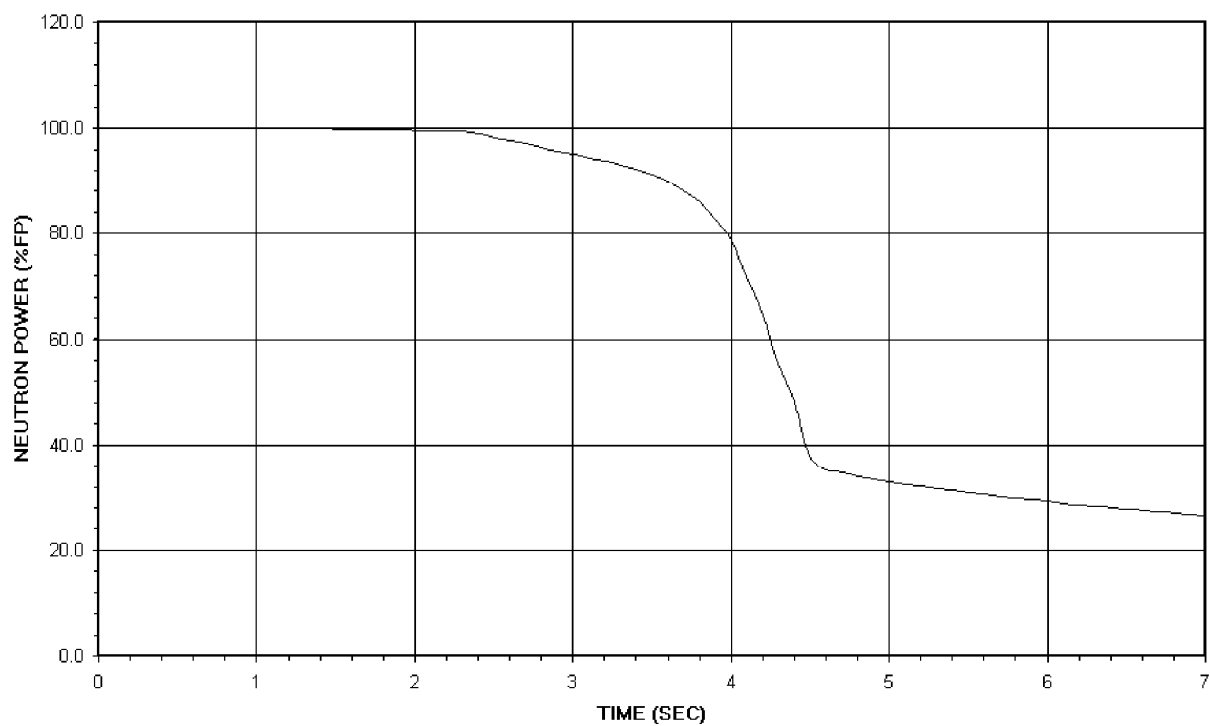
**(05 APR 2011)**

**Figure 15-268. Loss of Normal Feedwater - Short Term Core Cooling**

**Figure 15-269. Partial Loss of Forced Reactor Coolant Flow**

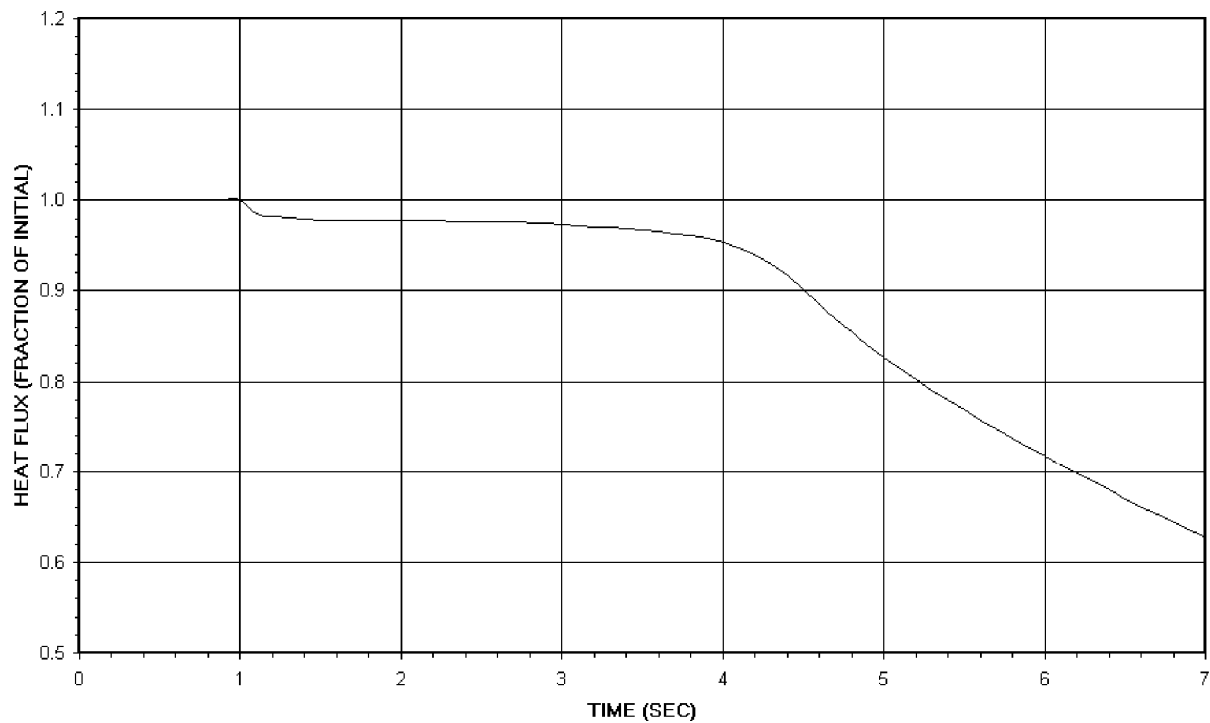
**Figure 15-270. Complete Loss of Forced Reactor Coolant Flow**

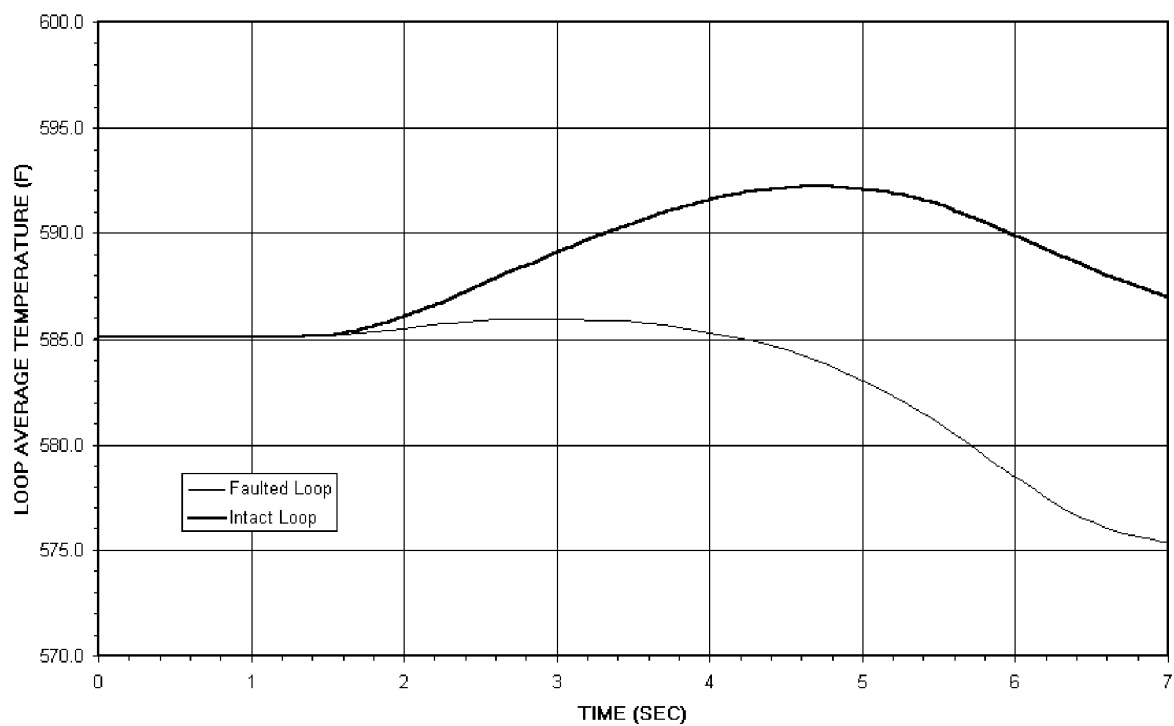
(13 APR 2008)

**Figure 15-271. Locked Rotor Neutron Power (% of Nominal) – Offsite Power Maintained**

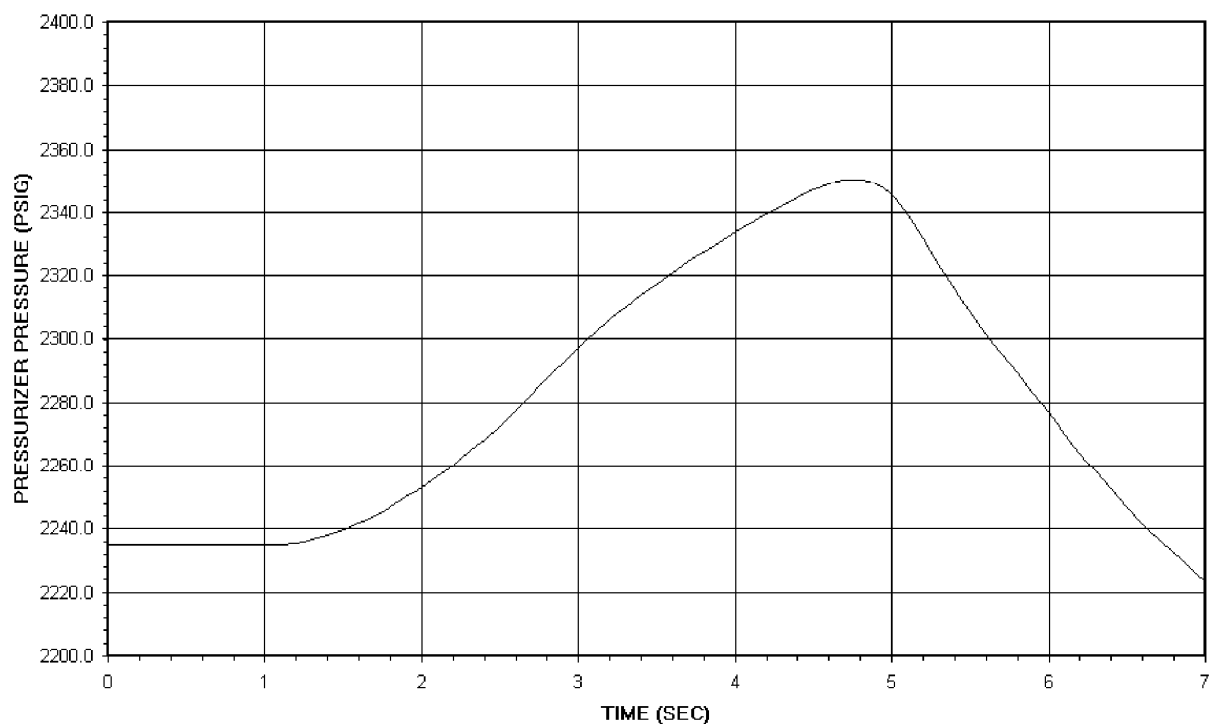
(14 OCT 2000)

**Figure 15-272. Locked Rotor Core Average Heat Flux (Fraction of Nominal) – Offsite Power Maintained**

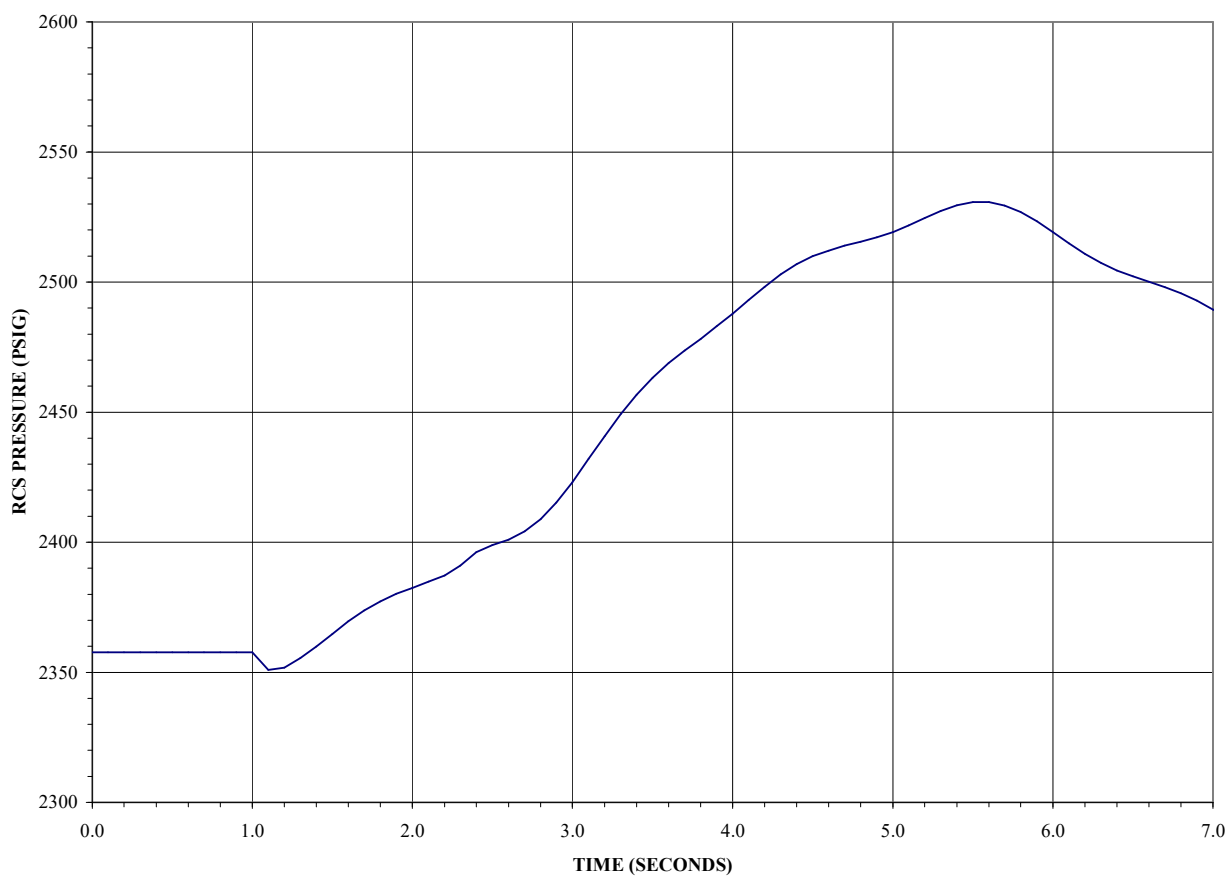


**Figure 15-273. Locked Rotor Loop Average Temperature (Deg F) – Offsite Power Maintained**



**Figure 15-274. Locked Rotor Pressurizer Pressure (psig) – Offsite Power Maintained**

(14 OCT 2000)

**Figure 15-275. Locked Rotor RCS Pressure – Peak RCS Pressure**

**Figure 15-276. Deleted Per 2005 Update**

**(14 APR 2005)**

**Figure 15-277. Deleted per 2003 Update**

Figure 15-278. Uncontrolled RCCA Bank Withdrawal from 10% Power

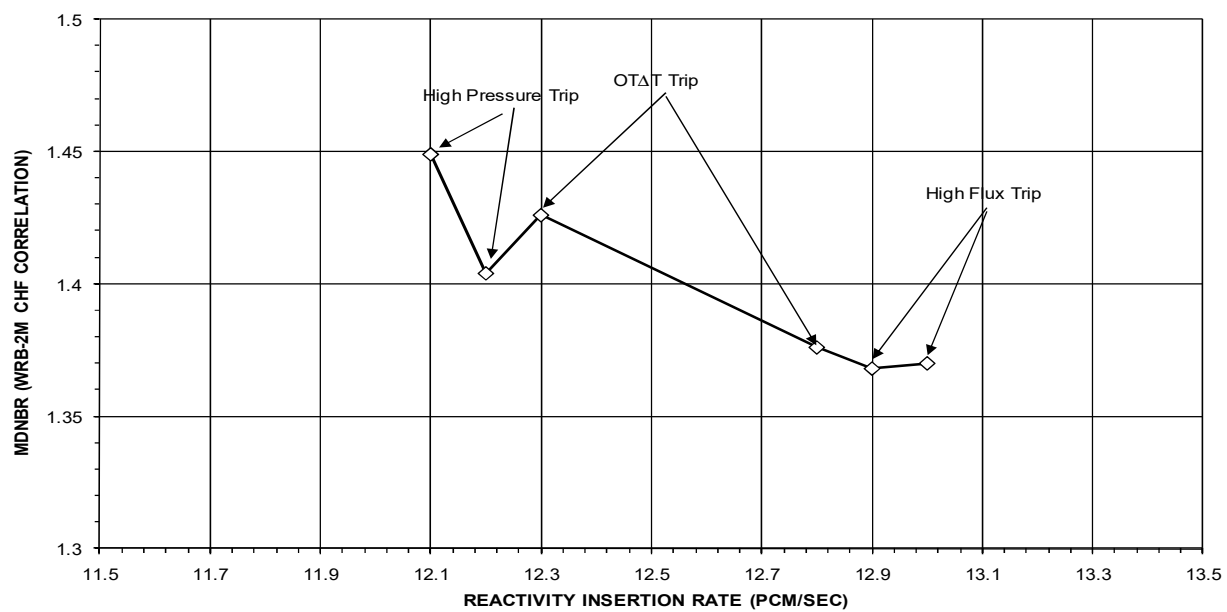


Figure 15-279. Uncontrolled RCCA Bank Withdrawal from 50% Power

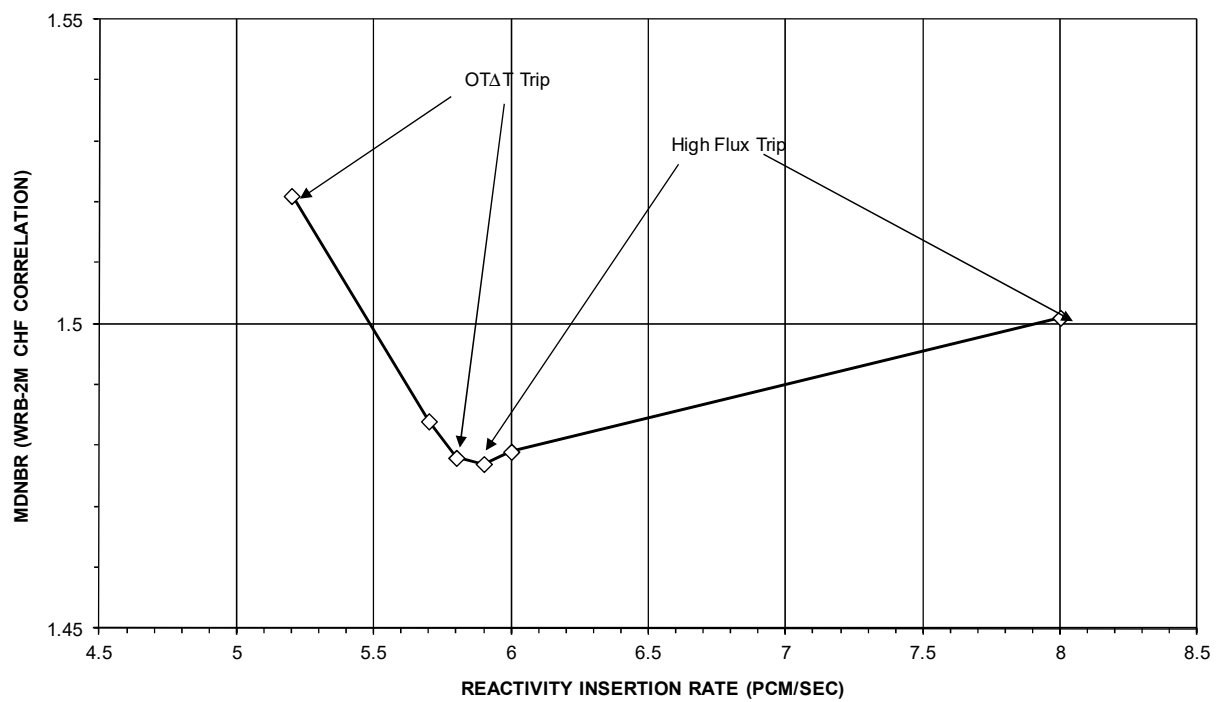


Figure 15-280. Uncontrolled RCCA Bank Withdrawal from 100% Power

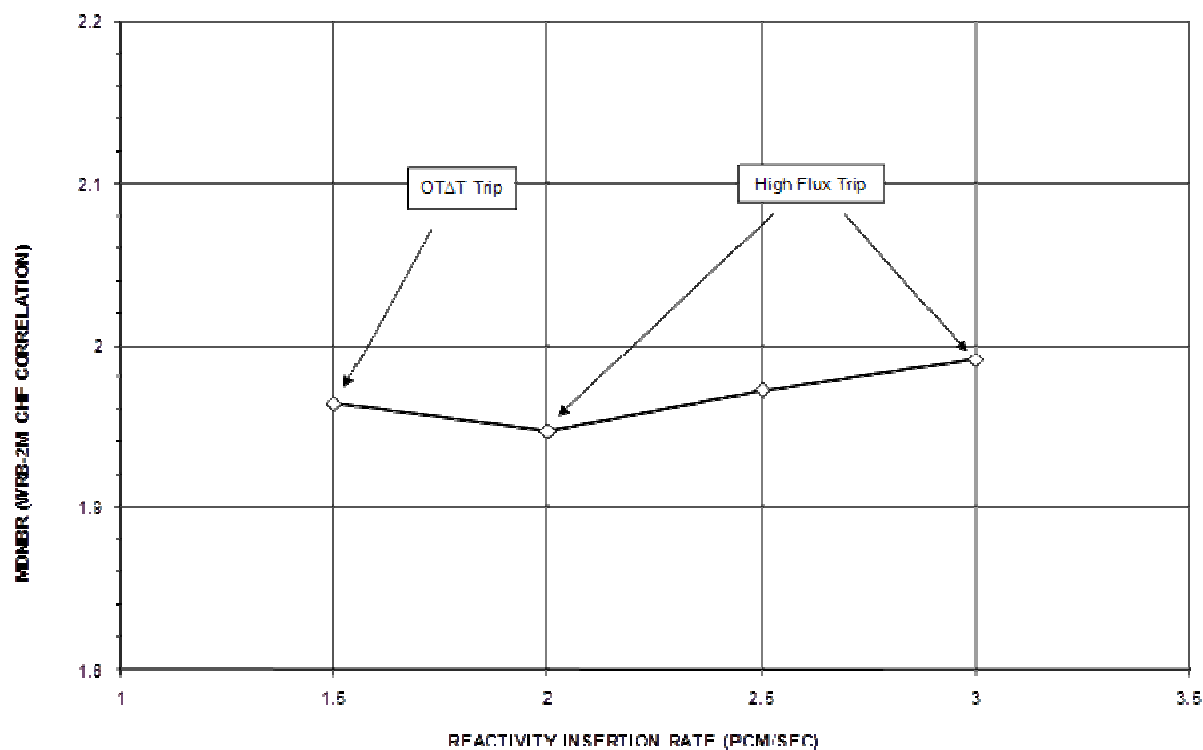


Figure 15-281. Uncontrolled RCCA Bank Withdrawal from 98% Power

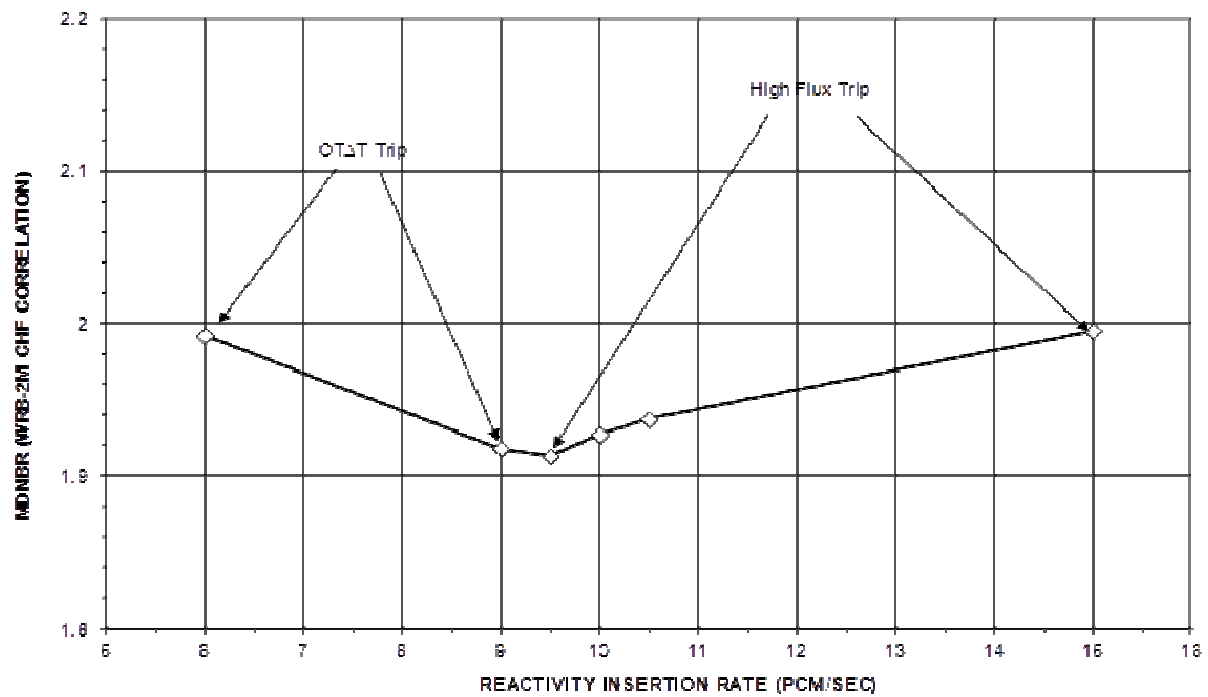




Figure 15-282. Steamline Break at Power

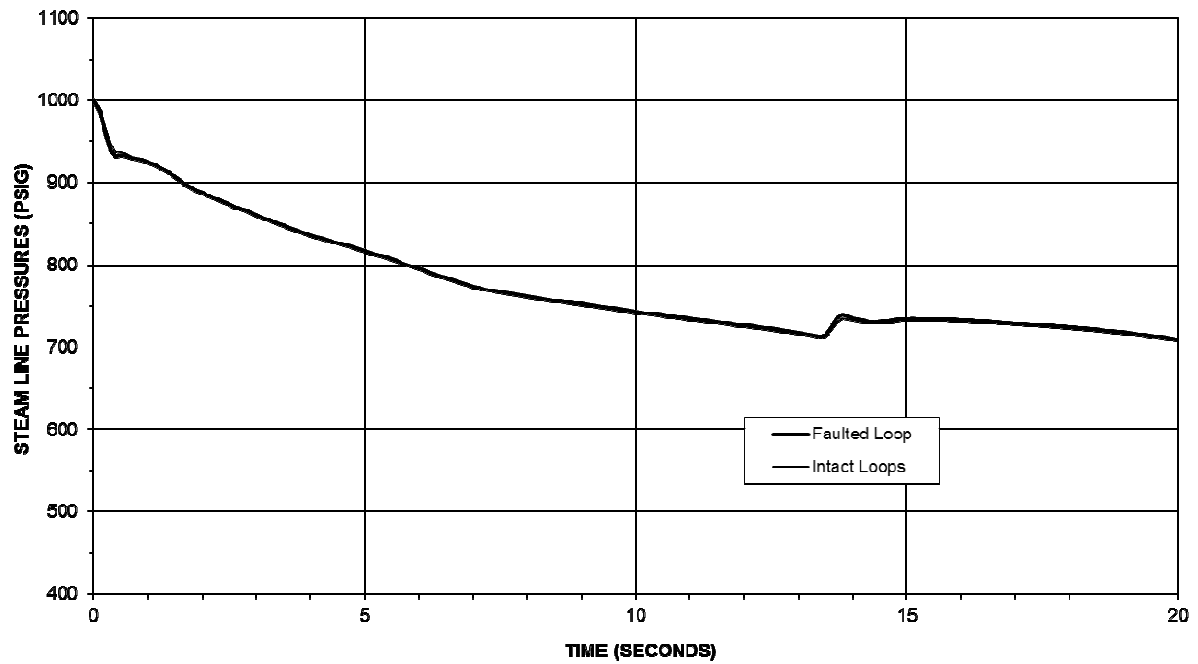


Figure 15-283. Steamline Break at Power

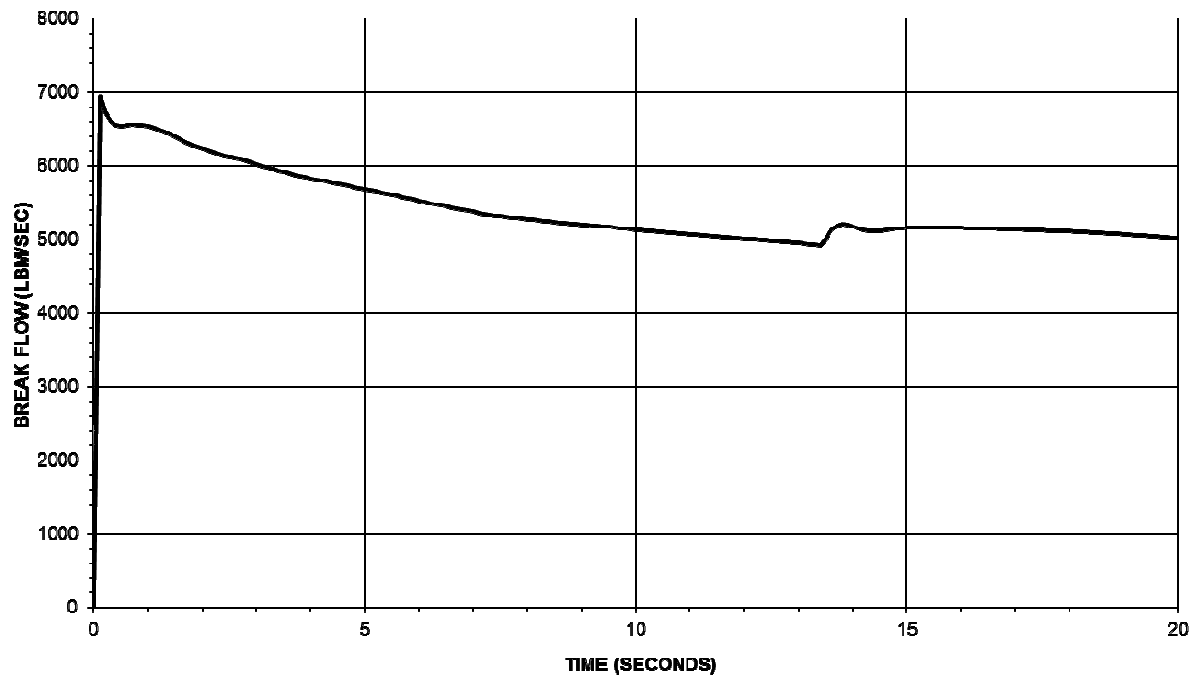


Figure 15-284. Steamline Break at Power

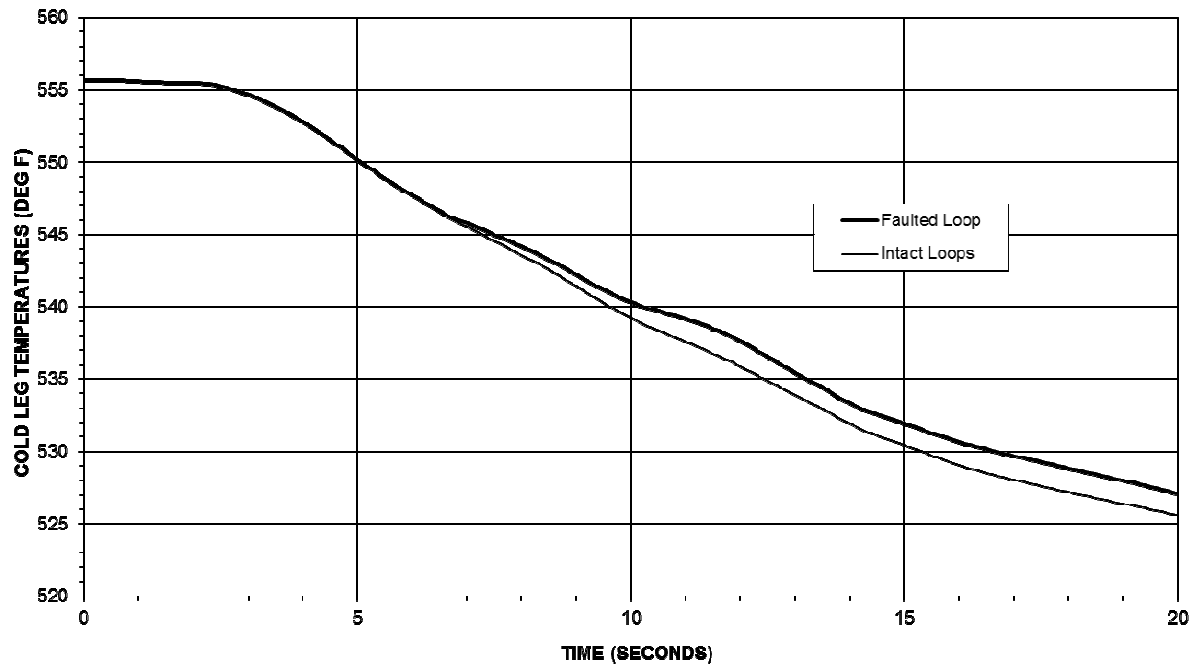


Figure 15-285. Steamline Break at Power

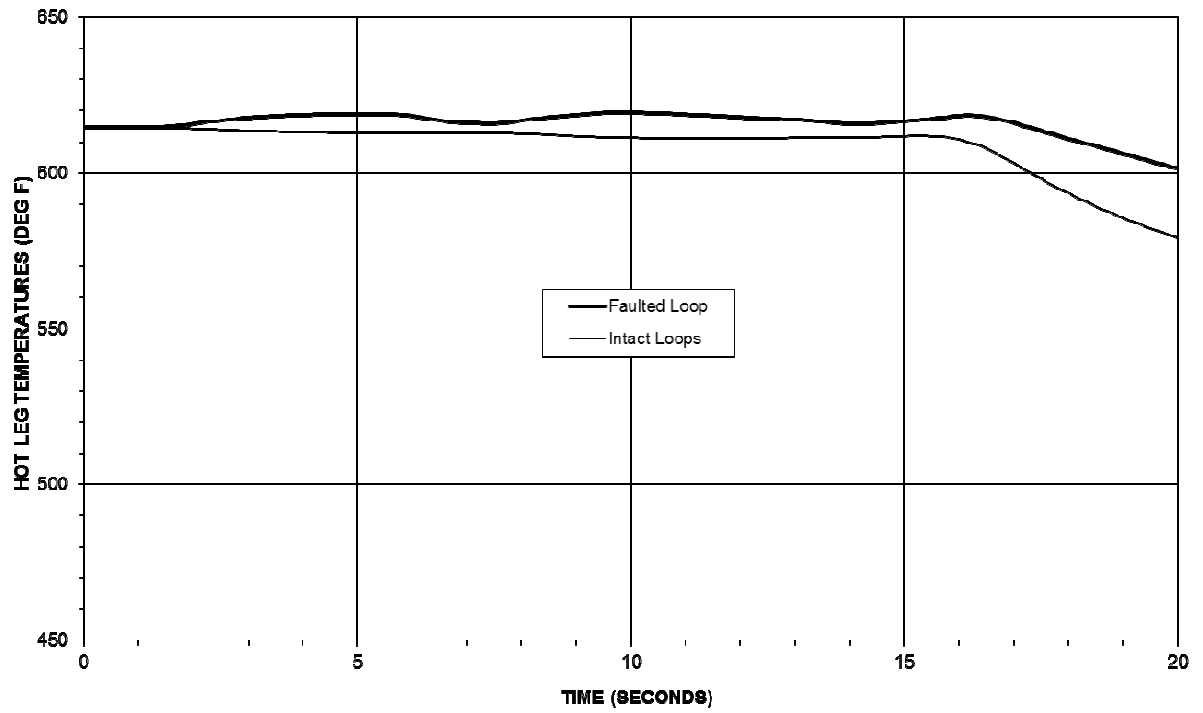


Figure 15-286. Steamline Break at Power

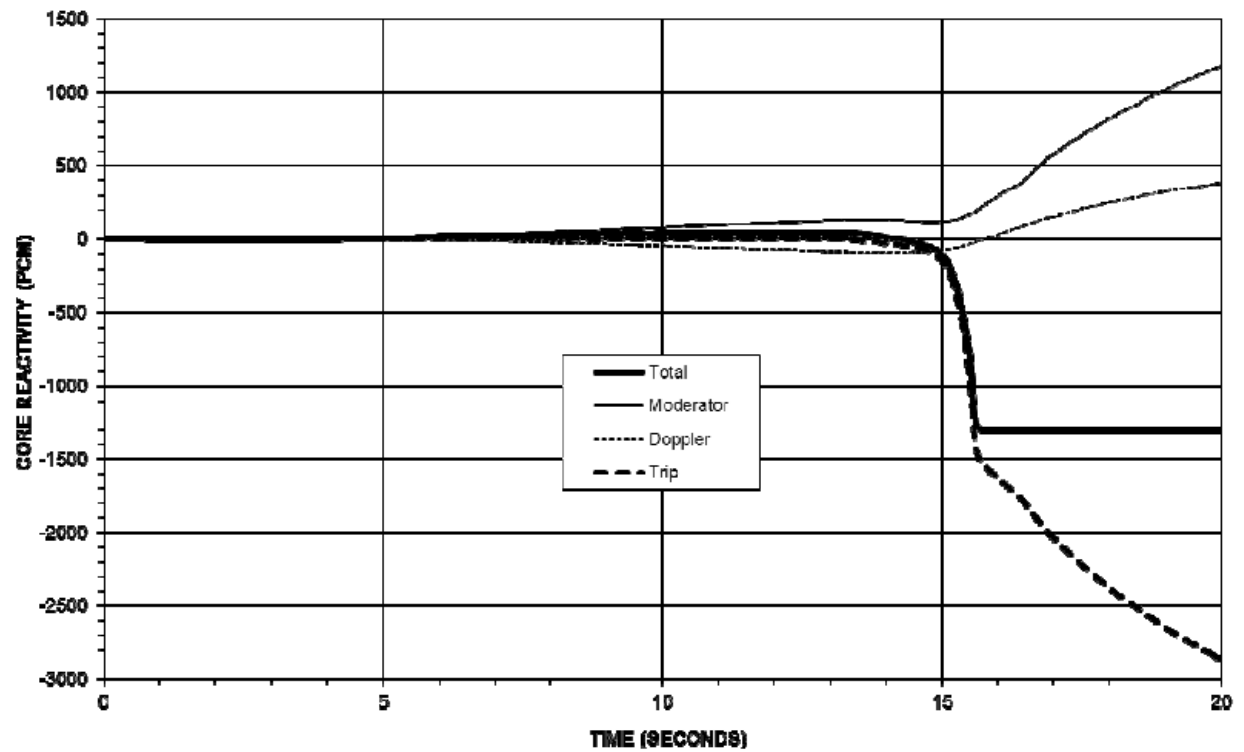


Figure 15-287. Steamline Break at Power

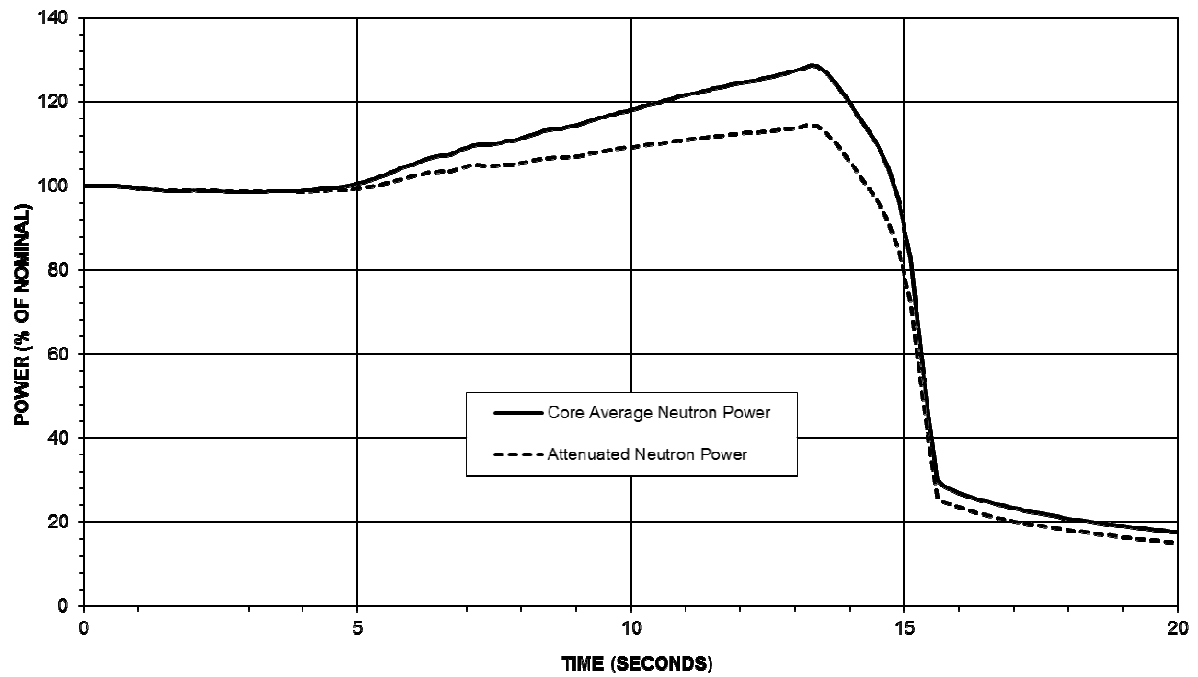


Figure 15-288. Steamline Break at Power

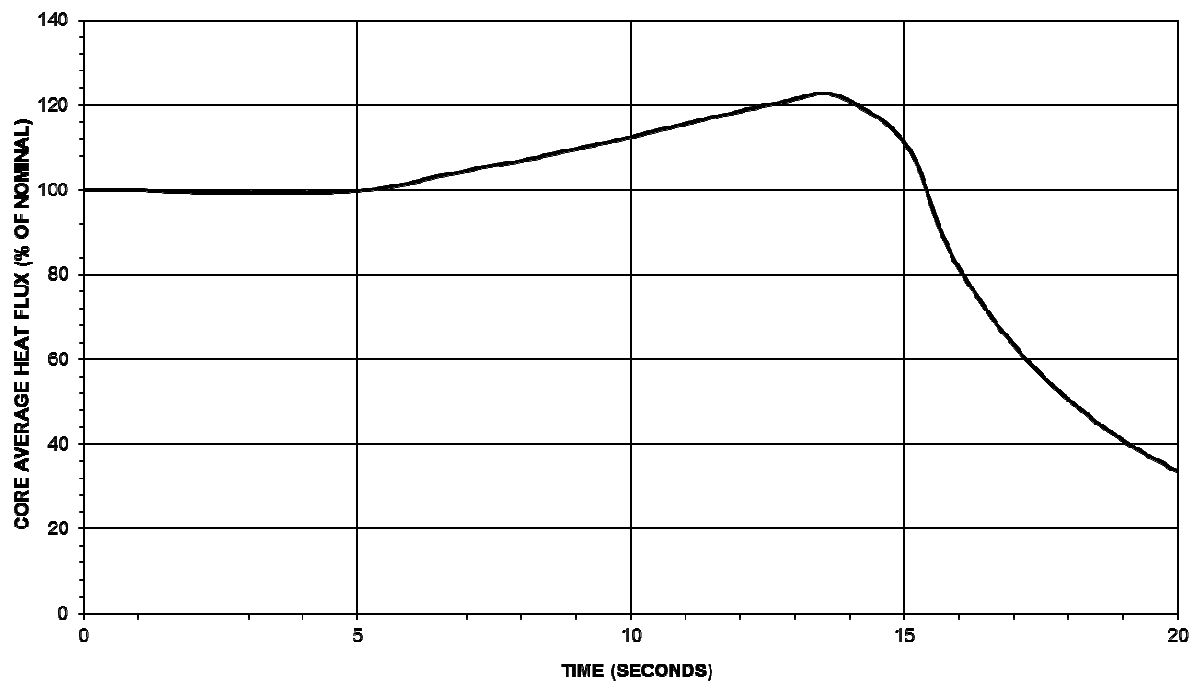


Figure 15-289. Steamline Break at Power

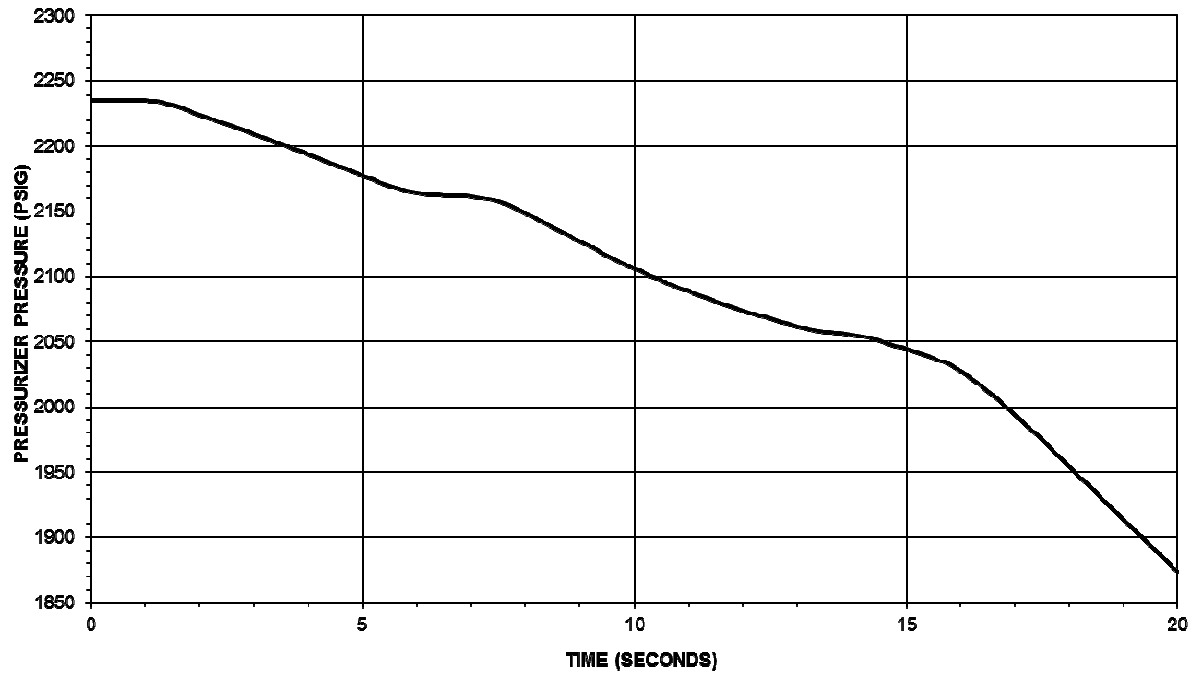
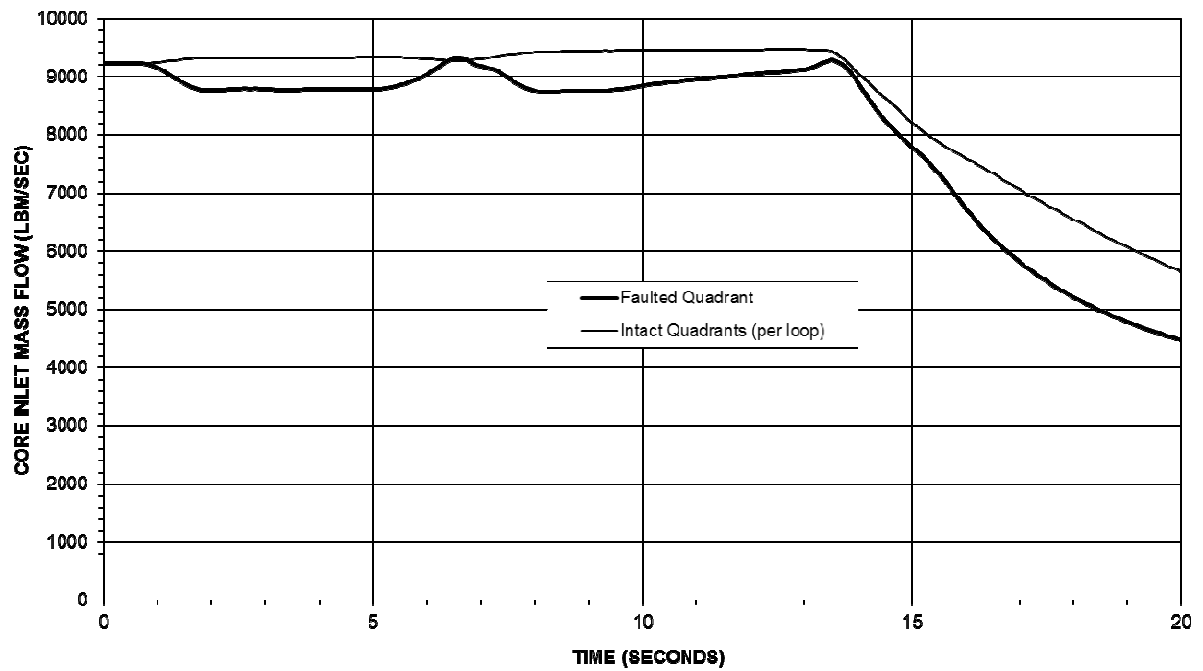




Figure 15-290. Steamline Break at Power



**Figure 15-291. Steamline Break at Power**