

TMI DOCUMENTS

DOCUMENT NO: TM-0429

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METROPOLITAN EDISON COMPANY.

WRS
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7906150375

220 264

- 6:45 High activity detected in RCS - RAS started increasing
 6:50 Declared Site Emergency & dispatched Teams & started notifying
 of state, NRC, AEC, State Police.
 7:25 GENERAL EMERGENCY announced due to High RB Radiation
 alarm plus projected high (conservative calculation)
 offsite dose downwind.
 Recalled Emergency Callout list including CD, NRC
 EROA RAP TEAM, ANI.
 7:40 DER - GERUSKY called back & was briefed much of

RCS Pressure began to increase due to HPI injection
 from ~1100 psig by to ~2000 psig & maintain
 this pressure by opening & closing RC-V2 with
 electronics open to prevent overpressure.
 This evolution took approx 2-3 hrs.

Decision made to leave RC-V2 open with
 the intent to bring down RCS pressure to
 enough to get core flood water into the
 core to assist in filling primary. HPI still
 on.

This action allowed some core flood to go into
 the vessel thus adding more heated water to
 the inventory and allowing the loops to
 fill more. Pressure stopped decreasing at
 about 440 psig at approx. 1:15

Pressure slowly turned around and increased
 up to approx 2000 psig to try to force
 bubble out of A loop and get it circulating again.

George Mander's log written the day
 after incident (3/29/79)

14:28 A Hotleg temperature started dropping, pressure level came down on scale indicating bubble in A loop may have collapsed

14:35 A Tc came back up & appears that bubble burred out of RV down into A hotleg

14:45 A Hotleg temperature came down again

≈ 17:00 Bumped 1 RC pump ~~to~~ RC-PIA. Pressure dropped about 400 psi & pump ^{was} stopped

≈ ~~17:00~~ RC pump ~~to~~ started again pressure dropped but not as much & it leveled off at ≈ 1200-1400 psi then it continued down to about 1000 psi. Both loop Tc's leveled off near 340 °F

A OTSG steam to condenser & pressure & temperature is decreasing