

DATE 5/16/79

EMERGENCY PROCEDURE EP- 8

TITLE: LOSS OF MAKEUP TANK LEVEL INSTRUMENTATION

APPROVALS: PORC(Vice-Chairman)

RP Warren

DATE 5/17/79

UNIT SUPT.:

SA Linder

DATE

5/17/79

B&W

SA Linder

DATE

5/18/79

HRC

SA Linder

5-24-79

DATE

5-24-79

ALARA

SA Linder

DATE

5-18-79

NRC

LOSS OF MAKEUP TANK LEVEL INSTRUMENTATION1.0 SYMPTOMS

- 1.1 Sudden or rapid decrease in makeup tank level indication.
- 1.2 Possible low level alarm
- 1.3 Possible low-low level alarm

2.0 IMMEDIATE ACTIONS

2.1 Automatic Action

- 2.1.1 At Lo-Lo level of 18", if MU-V8 is in Bleed position, MU-V8 will return to the through position to MU-T-1.

2.2 Manual Actions

- 2.2.1 Check Computer Point No. 347 to see if alternate indicator is good. If good, select alternate level indicator on Panel 4.
 - 2.2.2 If the alternate level indication has also failed, go to Z-63, Section 6.0, which takes the plant solid, as modified by steps 2.2.3 through 2.2.9.
 - 2.2.3 Continually monitor makeup pump suction pressure, and makeup tank pressure.
 - 2.2.4 Open borated water storage tank suction valves DHV-5A or DHV-5B.
 - 2.2.5 Secure makeup tank vent to reactor building by shutting MU-V13.
 - 2.2.6 Secure letdown flow by shutting MU-V376.
 - 2.2.7 Secure seal injection flow by shutting MU-V378.
 - 2.2.8 Secure seal return flow by shutting MU-V25.
 - 2.2.9 When the plant is in a solid condition, secure the makeup pumps.
- CAUTION: If required for pressure control while solid, or prior to implementation of alternate pressure control method, letdown via MU-V376 or makeup with MU-P-1B with suction from the BWST as required to control pressure.
- 2.2.10 Contact R. C. Arnold or J. G. Herbein as for the implementation of any alternate means of pressure control as noted below:

- a) Core flood tank float
- b) DHR pump float
- c) Alternate RCS pressure and volume control, if available.