EMERGENCY PROCEDURE EP-8

TITLE: LOSS OF MAKEUP TANK LEVEL INSTRUMENTATION

APPROVALS: PORC (Vice-Chairman)  R. P. Warren  DATE 5/17/79
UNIT SUPT.:  DATE 5/17/79
B&W  DATE 5/19/79  NRC  DATE 5/24/79
ALARA  DATE 5/18/79

DATE 5/16/79

NRC
LOSS OF MAKEUP TANK LEVEL INSTRUMENTATION

1.0 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 values 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-V176.

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-V1376 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.