

ATTACHMENT 1
SURRY POWER STATION UNIT NO. 2
DOCKET NO: 50-281
REPORT NO: 80-020/03L-0
EVENT DATE: 08-22-80

TITLE OF REPORT: EXCESSIVE BORIC ACID IN BAST "C" AND BIT

1. Description of Event:

Following Boric Acid Batching from 1-CH-TK-5 to 1-CH-TK-1C (while Unit No.2 was at 62% power) the station chemist reported a Boric Acid concentration of 13.2% in 1-CH-TK-1C and 2SI-TK-2. The range allowable by T.S 3.2 and 3.3 is 11.5-13%.

2. Probable Consequences/Status of Redundant Systems:

1-CH-TK-1C provide Boric Acid for reactor control for Unit No. 2. Redundant system were operable. Adequate capability for reactor control was available at all times. Therefore the health and safety of the public were not affected.

3. Cause of the Event:

The cause of the event was caused by transferring the batch tank to an inservice BAST.

4. Immediate Corrective Action:

Immediate corrective action was to initiate reactor shutdown and to dilute the Boric Acid to within specifications.

5. Scheduled Corrective Action:

None

6. Action Taken to Prevent Recurrence:

A change to OP-8.5 has been initiated to require that all transfers of Boric Acid to an inservice tank are made from tanks of known concentrations.

7. Generic Implications

None