NAME OF PREPARER

PHONE: (804) 357-3184

LICENSEE EVENT REPORT
CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)
0 1 V A S P S 2 0 0 - 0 0 0 0 - 0 0 3 4 1 1 1 1 1 4 5 5 T CAT 58
CON'T    0 1
0 2   Following Boric Acid batching (while Unit No. 2 was at 62.% power) the
o 3   station chemist reported a Boric Acid concentration of 13.2% in the Unit's Boric Acid
O 4 Storage Tank and Boron Injection Tank. This is less conservative with respect to the
o   requirements of T.S.3.2.B.3 and T.S.3.3.A.3 and is reportable per T.S.6.6.2.b.(2)
Redundant systems were operable and had the required capability for reactor control.
Therefore the health and safety of the public were not affected.
7 8 9
SYSTEM CODE CODE SUBCODE COMPONENT CODE SUBCODE SUBCODE  S H 11 A 12 B 13 Z Z Z Z Z Z Z Z Z 16  7 8 10 11 12 12 13 13 18 19 19 15 20
SEQUENTIAL OCCURRENCE REPORT REVISION NO.  17 REPORT 8 0
ACTION FUTURE EFFECT SHUTDOWN HOURS (22) ATTACHMENT NPRD-4 PRIME COMP. COMPONENT MANUFACTURER  G (18) Z (19) B (20) A (21) 0 0 0 1 Y (23) N (24) Z (25) Z (9) 9 9 (23)  CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
1 0 The cause is determinned to be the transfering of the Batch Tank directly to an
inservice Bast. The immediate corrective action was to initiate manual shut down
of the reactor and to dilute the Boric Acid to Tech. Spec. Limits (11.5-13%).
13
7 8 9 80
FACILITY STATUS % POWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32  1 5 C 28 0 6 2 29 NA A A5 A6 ROUTINE Chemistry Sampling  7 8 9 10 12 13 44 45 46 ROUTINE CHEMISTRY Sampling
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY 35  1 6 Z 33 Z 34 NA
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 39  1 7 8 9 BERSONNEL LANGUAGE NA  NA  80
PERSONNEL INJURIES NUMBER DESCRIPTION 41  1 8 0 0 0 40 NA
7 8 9 11 12 80  LOSS OF OR DAMAGE TO FACILITY 43  TYPE DESCRIPTION NA  NA  1 9 10 80
PUBLICITY ISSUED DESCRIPTION (45) NRC USE ONLY
2 0 N 44 NA NA 68 69 80 80 80 924 n 473

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 grom 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 transfering 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

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