## LICENSEE EVENT REPORT

	CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)
0 11	V   A   S   P   S   2   2   0   0   -   0   0   0   0   -   0   0
TAGE	SOURCE L 6 0 15 10 10 10 12 18 17 7 0 19 0 7 8 12 8 11 0 10 7 8 2 9
1 12 1	EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10
0 12	On September 7, with the unit at 100% power, operators performing an inspection
0   3	of #2 safeguards building discovered that the pressure in the nitrogen bottle
0 14	supplying emergency air to PCV-MS-202A & B was below the limit. This event is
0 5	contrary to T.S.3.6.C and is reportable per T.S.6.6.2.b.(2). The Instrument
0 16	Air system remained operable, therefore, the health and safety of the public
0 7	were not affected.
0 18	
0 9	SYSTEM CAUSE CODE SUBCODE COMPONENT CODE SUBCODE SUBCO
	LER/RO EVENT YEAR SEQUENTIAL REPORT NO.  17 REPORT NUMBER 21 22 23 24 26 27 28 29 30 31 31 32
	ACTION FUTURE EFFECT SHUTDOWN HOURS 22 ATTACHMENT NPRO- SUBMITTED FORM SUB. PRIME COMP. COMPONENT MANUFACTURER  A 18 H 19 Z 20 Z 21 O O O O U Y 23 N 24 Z 25 Z 9 9 9 9 26  CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
110	The loss of pressure was the result of a leaking nitrogen bottle connection. The
111	replacement bottle was correctly installed. The nitrogen bottle connection will be
1 12	leak tested each time a bottle is replaced.
1 [3]	
1 4	
15	FACILITY STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32 DISCOVERY DESCRIPTION 32
	COTIVITY CONTENT CLEASED OF RELEASE AMOUNT OF ACTIVITY 35   Z   33   Z   34   N/A   N/A
7 8	ELEASED OF RELEASE AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE 36
7 8	ACTIVITY CONTENT ELEASED OF RELEASE AMOUNT OF ACTIVITY 35    Z   33   Z   34   N/A   N/A     PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 39    O   O   O   37   Z   38   N/A     N/A   N/A   N/A   N/A     N/A   N
; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	ACTIVITY CONTENT ELEASED OF RELEASE AMOUNT OF ACTIVITY 35    Z   33   Z   34   N/A   N/A     PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 39    O   O   O   O   O   O   O   O   O
7 a	AMOUNT OF ACTIVITY 35    Z   33   Z   34   N/A   N/A     PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 39   N/A     PERSONNEL INJURIES   13   13   14   15   15     PERSONNEL INJURIES   13   14   15   15     PERSONNEL INJURIES   13   14   15   15     PERSONNEL INJURIES   15   16   16   16   16   16   16     PERSONNEL INJURIES   15   16   16   16   16   16   16   16
7 8 - 17 - 8	AMOUNT OF ACTIVITY (35)    Z   33   Z   34   N/A   N/A   N/A     PERSONNEL EXPOSURES   NUMBER   TYPE   DESCRIPTION (39)   N/A     PERSONNEL INJURIES   NUMBER   DESCRIPTION (41)   N/A     PERSONNEL INJURIES   NUMBER   DESCRIPTION (41)   N/A     PERSONNEL INJURIES   NUMBER   DESCRIPTION (41)   N/A     PERSONNEL INJURIES   N/A   N/A   N/A   N/A   N/A     PERSONNEL INJURIES   N/A   N/A
3	ACTIVITY CONTENT  ELEASED OF RELEASE  AMOUNT OF ACTIVITY 35  AMOUNT OF ACTIVITY 35  PERSONNEL EXPOSURES NUMBER  TYPE  DESCRIPTION 39  N/A  PERSONNEL INJURIES NUMBER  DESCRIPTION 41  N/A  SO  PDR ADDCK 05000281  PDR  PUBLICITY  SSUED DESCRIPTION 45  NACTIVITY 35  N/A  LOCATION OF RELEASE 36  N/A  SC  N/A  N/A  SC  N/A
7 8 1 1 2 3 7 8 2 7 8	ACTIVITY CONTENT ELEASED OF RELEASE  PERSONNEL EXPOSURES NUMBER  TYPE DESCRIPTION 39  N/A  PERSONNEL INJURIES NUMBER DESCRIPTION 41  PERSONNEL INJURIES NUMBER DESCRIPTION 41  POR ADDICK 05000281 PDR ADDICK 05000281 PDR  N/A  PUBLICITY  (6)  N/A  N/A  SO  N/A  PDR  N/A  SO  N/A  PDR  N/A  SO  PDR ADDICK 05000281 PDR  N/A  SO  N/A  SO  N/A  SO  N/A  SO  N/A  SO  N/A  SO  PDR ADDICK 05000281 PDR  N/A  SO  N/

ATTACHMENT 1

SURRY POWER STATION, UNIT NO. 2

DOCKET NO: 50-281

REPORT NO:

82-056/03L-0

EVENT DATE:

09-07-82

TITLE OF THE EVENT: Loss of No Supply for SOV-MS-202A & B

## 1. DESCRIPTION OF THE EVENT:

On September 7, with the unit at 100% power, routine operator surveillance disclosed that the pressure in the nitrogen bottle supplying emergency air to the steam driven auxiliary feed pump AOV's (PCV-MS-202A & B) was below the limit of 1000 psig. This event is contrary to Technical Specification 3.6.C and reportable in accordance with Technical Specification 6.6.2.b.(2).

# 2. PROBABLE CONSEQUENCES and STATUS of REDUNDANT EQUIPMENT:

The Steam Driven Auxiliary Feedwater pump (2-FW-P-2) must be capable of being controlled independently on any alternating current power source for at least two hours as required by NUREG 0737 item 2.E.1.1. The nitrogen tank has been added to the instrument air line to provide control of the PCV's for the required two hour period.

The control valves fail open or loss of air or Nitrogen and thus provide Aux. Feed flow. The Instrument Air System remained operable while the emergency air system was out of service. Therefore, the health and safety of the public were not affected.

# 3. CAUSE:

The loss of nitrogen pressure was a result of a leak on the connection of the replacement nitrogen supply tank the previous day.

### 4. IMMEDIATE CORRECTIVE ACTION:

The nitrogen bottle was replaced with a fully pressurized bottle and correctly connected to the header.

#### 5. SUBSEQUENT CORRECTIVE ACTION:

The system was inspected for leaks and none were found.

# 6. ACTION TAKEN TO PREVENT RECURRENCE:

As a standard practice, bottle connections are snooped each time a pressurized bottle is installed. A procedure will be provided to insure these back up bottles are leak checked after installation.

#### 7. GENERIC IMPLICATIONS:

None.