

CONTROL BLOCK: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

CONT

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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

At 0130 on 5/6/81, the hydrogen recombiner 2A oxygen concentration increased to 2.4% with a hydrogen concentration of 4.3%. Tech. Spec. 4.11.2.5 requires the oxygen concentration to be less than or equal to 2% when the hydrogen concentration exceeds 4% by volume. Tech. Spec. 4.11.2.5 action requirements were met. Health/safety of the public was not affected.

SYSTEM CODE: M B (11) CAUSE CODE: D (12) CAUSE SUBCODE: Z (13) COMPONENT CODE: Z Z Z Z Z Z Z (14) COMP. SUBCODE: Z (15) VALVE SUBCODE: Z (15)

LER/RO REPORT NUMBER: 17 EVENT YEAR: 8 1 (21) SEQUENTIAL REPORT NO.: 0 1 5 (24) OCCURRENCE CODE: 0 3 (28) REPORT TYPE: L (30) REVISION NO.: 0 (32)

ACTION TAKEN: X (33) FUTURE ACTION: G (34) EFFECT ON PLANT: Z (35) SHUTDOWN METHOD: Z (36) HOURS: 0 0 0 0 (37) ATTACHMENT SUBMITTED: N (41) NPD-4 FORM SUB.: N (42) PRIME COMP. SUPPLIER: N (43) COMPONENT MANUFACTURER: W 1 2 0 (44)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

The normal operation of the recombiner indicates concentrations in the recombiner package of H₂ and O₂ near 4% and 2% respectively. An engineering evaluation is being performed to explore the addition of instrumentation external to the recombiner package with ability to monitor these limiting waste gas system parameters. On the above specific occasion the oxygen concentration was reduced to below 2% and the 2A recombiner returned to service at 2230 on 5-6-81.

FACILITY STATUS: G (28) % POWER: 0 0 0 (29) OTHER STATUS: NA (30) METHOD OF DISCOVERY: A (31) DISCOVERY DESCRIPTION: Operator Observation (32)

ACTIVITY CONTENT RELEASED: Z (33) AMOUNT OF ACTIVITY: NA (35) LOCATION OF RELEASE: NA (36)

PERSONNEL EXPOSURES: NUMBER: 0 0 0 (37) TYPE: Z (38) DESCRIPTION: NA (39)

PERSONNEL INJURIES: NUMBER: 0 0 0 (40) DESCRIPTION: NA (41)

LOSS OF OR DAMAGE TO FACILITY: TYPE: Z (42) DESCRIPTION: NA (43)

PUBLICITY: ISSUED: N (44) DESCRIPTION: NA (45)

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NRC USE ONLY

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