

## LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | A | L | B | R | F | 1 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 5

LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

0 1 | L | 6 | 0 | 5 | 0 | 0 | 0 | 2 | 5 | 9 | 7 | 0 | 6 | 2 | 0 | 8 | 1 | 8 | 0 | 7 | 1 | 5 | 8 | 1 | 9

REPORT SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | With unit 1 in refueling outage and units 2 and 3 at steady state, while performing

0 3 | diesel generator redundant start test (EMI-3), the left bank starters would not

0 4 | develop minimum rotational speed. Diesel generator "B" was removed from service

0 5 | to repair air start motors. (T.S. 3.9.B-2) Diesel generator "B" is common to

0 6 | units 1 and 2. There was no danger to the health or safety of the public. Redundant

0 7 | systems were available and operable. Previous similar events; BFR0-50-259/74012W,

0 8 | 81020.

0 9 | SYSTEM CODE 11 | E | E | 12 | E | 13 | F | 14 | M | O | T | O | R | X | 15 | Z | 16 | Z |

17 | LER/RO REPORT NUMBER 21 | 8 | 1 | 22 | 23 | 24 | 0 | 3 | 5 | 25 | 26 | 27 | 28 | 0 | 3 | 29 | 30 | L | 31 | 32 | 0 |

33 | C | 34 | X | 35 | Z | 36 | Z | 37 | 0 | 0 | 0 | 0 | 38 | 39 | Y | 40 | 41 | N | 42 | L | 43 | I | 44 | 0 | 45 | 7 | 46 | 5 | 47 |

ACTION TAKEN 33 FUTURE ACTION 34 EFFECT ON PLANT 35 SHUTDOWN METHOD 36 HOURS 37 ATTACHMENT SUBMITTED 40 NPD-4 FORM SUB. 42 PRIME COMP. SUPPLIER 43 COMPONENT MANUFACTURER 44

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | Fatigue fracture of a vane due to normal wear. Ingersoll-Rand air start motors,

1 1 | model D89RH46, size 150 BMP, pressure class 200 psi, pneumatic activation, were

1 2 | replaced. Recurrence control: Program to monitor performance of motors continues

1 3 | to be evaluated.

1 4 |

1 5 | FACILITY STATUS 10 | H | 11 | 12 | 0 | 0 | 0 | 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 |

POWER 11 OTHER STATUS 12 NA 13 METHOD OF DISCOVERY 14 B 15 Routine tests 16

1 6 | ACTIVITY 10 | Z | 11 | 12 | Z | 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 |

CONTENT 11 AMOUNT OF ACTIVITY 12 NA 13 LOCATION OF RELEASE 14 NA 15

1 7 | PERSONNEL EXPOSURE 10 | 0 | 0 | 0 | 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 |

NUMBER 11 DESCRIPTION 12 NA 13

1 8 | PERSONNEL INJURIES 10 | 0 | 0 | 0 | 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 |

NUMBER 11 DESCRIPTION 12 NA 13

1 9 | LOSS OF OR DAMAGE TO FACILITY 10 | Z | 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 |

TYPE 11 DESCRIPTION 12 NA 13

2 0 | PUBLICITY 10 | N | 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 |

ISSUED 11 DESCRIPTION 12 NA 13

8107280258 810715  
PDR ADOCK 05000259  
S PDR

NRC USE ONLY

NAME OF PREPARED Gene Holder

PHONE (205) 729-6134

LEE SUPPLEMENTAL INFORMATION

BFRO-50-259 / 81035 Technical Specification Involved 3.9.B.2

Reported Under Technical Specification 6.7.2.b.2 \*Date due NRC: 7/20/81

Date of Occurrence 6/20/81 Time of Occurrence 1030 Unit 1 and 2

Identification and Description of Occurrence:

Diesel generator "B" was removed from service to repair left bank air start motors.

Conditions Prior to Occurrence:  
Unit 1 in refueling outage.

Unit 2 at 76%

Unit 3 at 77%

Action specified in the Technical Specification Surveillance Requirements met due to inoperable equipment. Describe:

Met surveillance requirements of T.S. 4.9.B.2

Appar Cause of Occurrence:

Fatigue fracture of a vane in air start motor due to normal wear.

Analysis of Occurrence:  
There was no danger to the health or safety of the public, no release of activity, no damage to the plant or equipment, and no resulting significant chain of events.

Corrective Action:

Replaced air start motors. Program to monitor performance of motors continues to be evaluated.

Failure Data: BFRO-50-259/74012W, 81020.

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

\*Revision: 