

# SHEARON HAZARDS

ESTIMATE OF NUMBER OF MANUAL ACTIONS NEEDED  
OUTSIDE OF THE CONTROL ROOM FOR HOT SHUTDOWN FOLLOWING  
A FIRE.

Calc. E-5525

Attachment D  
Revision 5  
Page 2

NOTE

Section 3 of AOP-036 contains 11 manual actions

+ throttle BIT valve

Table of Contents

+ strip & reload MCC, reset relay

WHICH ARE NOT INCLUDED IN THE BELOW ANALYSIS page

1.0 GENERAL DEVIATIONS 1

# MANUAL ACTIONS AS LISTED IN SAFE SHUTDOWN ANALYSIS

2.0 FIRE AREA SUMMARIES 4

1-0-PA Only DIV 1 in area	0	5
1-0-PB Only DIV 2 in area	0	6
1-A-BAL	0	7
1-A-BATA	0	42
1-A-BATB	0	43
1-A-CSRA	9	44
1-A-CSR B	27	48
1-A-EPA	0	52
1-A-EPB	1	56
1-A-SWGRA	5	60
1-A-SWGRB	21	64
1-C	0	68
1-D-DTA Only DIV 1 in area	0	77
1-D-DTB Only DIV 2 in area	0	78
1-D-DGA Only DIV 1 in area	0	80
1-D-DGB Only DIV 2 in area	0	82
5-0-BAL	0	84
5-F-BAL	0	86
5-S-BAL	0	87
5-W-BAL	0	89
12-0-TA Only DIV 1 in area	0	92
12-0-TB	0	94
12-A-BAL	0	96
12-A-CR Alternate shutdown	Many transfer sw	98
12-A-CRCI Alternate shutdown	" " "	100
12-A-HVIR Alternate shutdown	" " "	102
12-I-ESWPA Only DIV 1 in area	0	104
12-I-ESWPB Only DIV 2 in area	0	106
TURBINE GENERATOR	0	108
FPYARD	0	110
1-A-BAL-A	6	
1-A-BAL-B	20*	
1-A-BAL-C	4	

OVERALL EST. ~ 100

93

\*Note: 1-A-BAL B analysis showed 8 but procedure + inspection showed 20.

NN-30