Base Load Power Hub (BLPH)

Water Treatment Package A-50000
Cause & effect Matrix

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Revision / Change Log

Rev.	Description
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Notes:

1) Abbreviation

CCR = CENTRAL CONTROL ROOM (ONSHORE)
OER = ONSHORE EQUIPMENT ROOM
ITER = OFFSHORE CONTROL ROOM
R = RESET
EL = EVENT LOG
F = FLASHING LIGHT INDICATION ON CAP
T = TIME DELAY

2) Voting logic degradation (to be applied to F&G detection):

1) In case of a MooN Loop, the F&G logic degradation will be as follow:
a) Detector in fault condition: (M-1)oo(N-1) if N≤3
b) 2 (Two) Detectors in fault condition→ "Trip Logic" if N≤3
c) Detector in fault condition: Moo(N-1) if N>3
d) Detector in by-pass condition: (M-1)oo(N-1) if N≤3 (with Loop 2oo3)
e) Detector in by-pass condition: Moo(N-1) if N≤3 (with Loop 1oo2)
f) Detector in by-pass condition: Moo(N-1) if N>3

5) Software push button for RESET F&G logics on HMI is provided

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Water Treatment Package A-50000
Cause & effect Matrix

FZ-01= FUEL CELL AREA
FZ-02= H_2 STORAGE VESSELS AREA
FZ-03= ELECTROLYZER AREA
FZ-04= B-200/B-300/B-400 CONTAINERS AREA
FZ-05= BESS AREA
FZ-06= B-100 CONTAINER AREA
FZ-07= MASTER POINT AREA
FZ-08= TRANSITION PIECE AREA

EFFECT

| | SYS | | OTHER | | |