

Facility: **Palisades**Scenario No.: **ONE**Op-Test No.: **1**

Examiners: _____ Operators: _____

Initial Conditions: 100% power with P-66B, HPSI Pump, tagged out.

Turnover: P-66B is tagged out for a coupling alignment and will be restored to operable in 4 hours. Shift orders are to alternate CCW Pumps to P-52A in service and P-52B/P-52C in standby.

| Event No. | Malf. No. | Event Type* | Event Description |
|--|----------------|---------------------------------|---|
| 1 | N/A | BOP (N) | Alternate operating CCW pumps |
| 2 | MS09B | BOP (C) SRO (C) | CV-0511, Turbine Bypass Valve Controller fails high; requires manual action to terminate steam demand (ONP-9) |
| 3 | ED45A | SRO (T) | D/G 1-1 inoperable (local overspeed trip device broken) |
| 4 | CW01A | SRO (C, T) BOP (C) RO (R) | P-39A, Cooling Tower Pump, trips (ONP-14) and rapid downpower (ONP-26) |
| 5 | RX23B | SRO (I) RO (I) | TYT-0200, T_{AVE}/T_{REF} Controller, Power Failure (ONP-13) |
| 6 | MS03A | SRO (C) RO (C) | 'A' S/G Main Steam Line Leak inside Containment (small requiring a manual reactor trip) |
| 7 | MS03A | ALL (M) | ESDE inside Containment (ramped in at time of trip) (EOP-6.0) |
| 8 | CH05A CH05B | RO (I) | CHP Channels Auto Initiate Failure |
| * (N)ormal, (R)eactivity, (I)nstrument, (C)omponent, (M)ajor (T)ech Spec | | | |

Facility: **Palisades**Scenario No.: **TWO**Op-Test No.: **1**

Examiners: _____ Operators: _____

Initial Conditions: 3% power, Main Turbine is at 1800 rpm.

Turnover: Shift orders are to synchronize Turbine to the grid and then raise power to 25% at 12% per hour.

| Event No. | Malf. No. | Event Type* | Event Description |
|--|-----------|------------------------------|---|
| 1 | N/A | SRO (N) BOP (N) | Synchronize Turbine to Grid |
| 2 | N/A | SRO (N) RO (R) BOP (N) | Raise power to 25% at 12%/hr |
| 3 | RM08G | SRO (T) RO (C) | RIA-1811, West ESG Rm Ventilation Radiation Monitor failure |
| 4 | P-40A-1 | SRO (C, T) BOP (C) | P-40A, Dilution Water Pump, trip/breaker failed |
| 5 | ED38A | SRO (C) RO (C) BOP (C) | D11-1, DC Bus, fuse failure (ONP-2.3) |
| 6 | RC04 | ALL (M) | LOCA (requires reactor trip) |
| 7 | ED38A | BOP (C) | Main Generator Bkr Auto Open Failure |
| 8 | RD16 | RO (C) | Two stuck Control Rods (EOP-9.0) |
| * (N)ormal, (R)eactivity, (I)nstrument, (C)omponent, (M)ajor (T)ech Spec | | | |