

DRAFT

RES Action Items to support MSPI Pilot Program Table Top Activities
August 6, 2002

- Review of the boundary of DGs and other components in Table 2 of App. F for consistency with PRA assumptions -- **08/02**
 - Review of historical data to determine risk-significance of DG fuel storage transfer pumps
 - DG sequencer
 - Review of DG reliability study to determine DG boundary
- Evaluations of SDP findings (provided by NRR for mitigating systems cornerstone during the period of 2000 thru 2002) using the MSPI approach, and comparison of results -- **10/02**
- Development of a white paper to describe the technical bases of the MSPI methodology proposed for the pilot program. This is in response to the ACRS request -- **11/02**
- Independent verification (by NRC using SPAR models) of MSPI calculations done by the pilot plants (e.g., FV, UA, UR, MSPI for each monitored system) -- **02/03**
- Issues related to invalid indicators; i.e., one failure above the baseline value exceeding the G/W threshold of $1.0E-6$ -- **12/02**
 - Independent verification of the screening equations in App. F
 - Other components performance kept at zero versus at baseline
 - One failure over plant-specific baseline versus one failure over the industry baseline
- Determination of acceptable level of false-positive and false-negative indication -- **02/03**
 - Development of an approach for calculating appropriate priors for components with too many failures in a short period of time.
 - Evaluation of longer than 3-yr monitoring intervals for highly reliable components
- Review of UA/UR baseline values to determine the appropriate time period (e.g., 1995-1997 versus 2000-2001 for UR) -- **02/03**
- Calculations of FV importance measures for cooling water support systems should include impact on initiating events, as well as on mitigating functions -- **03/03**
 - Review of SPAR models to determine how CCW and SW initiators are modeled
 - Review of pilot plant PRAs to determine how CCW and SW initiators are modeled

• SW pumps vs CCW pumps differences.