

The following is a list of information EMCB expects to receive from the licensee in order to support development of a final paper subsequent to the IP2 steam generator tube failure:

- Need responses to the questions Brian gave to Groth last week
- Need inspection results, i.e., number, location, size (length, depth), type of indications found in all 4 steam generators for both the 1997 and 2000 inspections
- Need results of secondary side examinations completed in the 1997 and 2000 outages, i.e., hourglassing and other observations such as cracking of TSPs for all TSPs
- Need trending analysis of dents and ovalization of SG tubes
- Need finite element analysis of TSPs
- Provide the site-specific program equivalency validation information.
- Need to respond to suggestion that licensee perform helium leak test
- Need preliminary operational assessment
- Need completed Appendix K of EPRI SG Guidelines checklist for a forced outage
- Need responses to C. Dodd's inspection recommendations for the low row U-bends which include: (1) use a high frequency +Point probe, (2) use the midrange +Point run at 500kHz, (3) try a 400/100 kHz mix and/or (4) analyze using the 400 kHz channel. In addition, regarding the overall SG inspection program, need to improve analyst guidelines (e.g., clear setup guidelines, clear and objective noise criteria), and also need to develop a formal training program to incorporate "lessons learned."
- Need root cause analysis and corrective actions
- Need specific SG tube selection information and performance results of insitu pressure tests
- Need results of condition monitoring including results of the insitu pressure tests yet to be done
- Need 1997 insitu pressure test selection guidelines
- For all indications identified in the U-bend, Cecco and bobbin coil inspections, identify which indications were called by a single analyst versus those indications that were called by both analysts.
- Need to identify how many tubes are affected by the "pilgering" type noise at the TTS and need to understand how the licensee plans to disposition these tubes so affected.
- Need C. Dodd to complete his review of the licensee's eddy current inspection.

J/20

- Need to identify how many tubes are affected by the "blind spot" located at the upper span of tubing between the TTS and 1H span and need to understand how the licensee plans to disposition these tubes so affected.
- Need licensee's written acceptance criteria for the secondary side hydro test.
- Need to identify the number of tubes inspected with probes smaller than 0.700 inches in diameter. For these tubes, document the eddy current indications identified in these inspections (both Cecco and bobbin results, as well as RPC results).
- Need 2000 loose parts safety evaluation
- Need responses to March 14,2000 RAI