ATTACHMENT 2
WORK SCOPE- SURRY UNIT 2 SPRING 2002 OUTAGE

Primary Side("A" S/G):

Remove, Inspect, Clean, and Reinstall Manway and Studs

Clean, Inspect, and Gauge Manway Stud Holes

Remove, Inspect, Clean, and Reinstall Diaphragm [incl. Seating Surface Inspection and FME Control]

Eddy Current, Other Testing, Analysis, and Tube Plugging

- 100% Bobbin Exam[Full Length except straight only for Row 1 H/L and C/L] (3327 Tubes)
- 20% Rotating Plus-Point Probe Exam Top of Tubesheet H/L [+3"/-3"](667 Tubes will include a 60% population of Critical Area Tubes)
- 200 tube sample of C/L Top of Tubesheet transitions concentrated in low flow area[+1"/-1" extent]
- Rotating Probe Exam(Plus-Point) of Row 1 U-bends(92 tubes => 7H to 7C)
- Rotating Probe(Plus-Point) Confirmation of Bobbin Indications per Virginia Power Analysis Guidelines
- Tube plugging as necessary
- H/L and C/L Tubesheet Video Exam

Secondary Side:

Upper: ("A" S/G)

- Remove, Inspect, and Reinstall Manways and Bolts[incl. Seating Surface Inspection, FME control, Bolt hole gauging, and Ventilation]

- Feedring Tee and Adjacent Component Ultrasonic Thickness Inspection in Susceptible Areas

- Routine Steam Drum visual inspection and video documentation; internal F/R video at all J-nozzle interfaces and suspect areas

- Remote Video Camera Inspection of 7th Tube Support Plate through Swirl Vanes

Lower:

"A", "B", "C" S/G

- Sludge Lance, cleanliness and foreign object search(FOS) inspection, sludge/scale sample collection for analysis

- Foreign object retrieval, as necessary

"A" S/G Only

- Pre Sludge Lance in-bundle inspection(@ TTS H/L and C/L side)

- Post Sludge Lance in-bundle inspection merged with FOS inspection