

REACTOR COOLANT SYSTEM

SURVEILLANCE REQUIREMENTS (Continued)

- 1) All nonplugged tubes that previously had detectable wall penetrations (greater than 20%),
 - 2) Tubes in those areas where experience has indicated potential problems, and
 - 3) A tube inspection (pursuant to Specification 4.4.5.4a.8) shall be performed on each selected tube. If any selected tube does not permit the passage of the eddy current probe for a tube inspection, this shall be recorded and an adjacent tube shall be selected and subjected to a tube inspection.
- c. For Unit 1, in addition to the 3% sample, all tubes for which the alternate plugging criteria has been previously applied shall be inspected in the tubesheet region.
- d. The tubes selected as the second and third samples (if required by Table 4.4-2) during each inservice inspection may be subjected to a partial tube inspection provided:
- 1) The tubes selected for these samples include the tubes from those areas of the tube sheet array where tubes with imperfections were previously found, and
 - 2) The inspections include those portions of the tubes where imperfections were previously found.
- e. For Unit 1, implementation of the interim steam generator tube/tube support plate elevation plugging limit ~~for Cycle 8~~ requires a 100% bobbin probe inspection for all hot leg tube support plate intersections and all cold leg intersections down to the lowest cold leg tube support plate with outer diameter stress corrosion cracking (OD SCC) indications. An inspection using the rotating pancake coil (RPC) probe is required in order to show operability of tubes with flaw like bobbin coil signal amplitudes greater than 1.0 volt but less than 2.7 volts. ~~For tubes that will be administratively plugged or repaired, no RPC inspection is required. The RPC results are to be evaluated to establish that the principal indications can be characterized as OD SCC.~~

INSERT STATEMENT 1
FROM ATTACHED
PAGE

The results of each sample inspection shall be classified into one of the following three categories:

Category

Inspection Results

C-1

Less than 5% of the total tubes inspected are degraded tubes and none of the inspected tubes are defective.

CATAWBA - UNITS 1 & 2

3/4 4-13

Amendment No. ~~101~~ (Unit 1)
Amendment No. ~~106~~ (Unit 2)

17.5

is verified to result in total primary to secondary leakage less than 30.0 gpm (includes operational and accident leakage). ~~The basis for determining expected leak rates from the projected crack distribution is provided in Attachment 4 of the Supplement to Technical Specification amendment dated December 14, 1993 (SG-93-12-006).~~

2. A tube can remain in service with a bobbin coil signal amplitude greater than 1.0 volt but less than 2.7 volts provided a rotating pancake coil (RPC) inspection does not detect degradation.
3. Indications of degradation with a flaw type bobbin coil signal amplitude of equal to or greater than 2.7 volts will be plugged or repaired.

INSERT PARAGRAPH
4. FROM ATTACHED
PAGE

Certain tubes as identified in WCAP-13494, Rev. 1, will be excluded from application of the Interim Plugging Criteria Limit as it has been determined that these tubes may collapse or deform following a postulated LOCA + SSE Event.

- b. The steam generator shall be determined OPERABLE after completing the corresponding actions (plug or repair all tubes exceeding the repair limit and all tubes containing through-wall cracks) required by Table 4.4-2. For Unit 1, tubes with defects below F* fall under the alternate tube plugging criteria and do not have to be plugged.

4.4.5.5 Reports

- a. Within 15 days following the completion of each inservice inspection of steam generator tubes, the number of tubes repaired in each steam generator shall be reported to the Commission in a Special Report pursuant to Specification 6.9.2;
- b. The complete results of the steam generator tube inservice inspection shall be submitted to the Commission in a Special Report pursuant to Specification 6.9.2 within 12 months following the completion of the inspection. This Special Report shall include:
 - 1) Number and extent of tubes inspected,