

Defect is an imperfection of such severity that it exceeds the minimum acceptable tube wall thickness of 50%. A tube containing a defect is defective.

Plugging Limit is the imperfection depth beyond which the tube must be removed from service or repaired, because the tube may become defective prior to the next scheduled inspection. The plugging limit is 40% of the nominal tube wall thickness.

6. Corrective Measures

All tubes that leak or have degradation exceeding the plugging limit shall be plugged or repaired by a process such as sleeving prior to return to power from a refueling or inservice inspection condition.

7. Reports

- (a) After each inservice examination, the number of tubes plugged or repaired in each steam generator shall be reported to the Commission as soon as practicable.
- (b) The complete results of the steam generator tube inservice inspection shall be included in the Annual Results and Data Report for the period in which the inspection was completed. In addition, all results in Category C 3 of Table 15.4.2-1 shall be reported to the Commission prior to resumption of plant operation.
- (c) Reports shall include:
 - 1. Number and extent of tubes inspected.
 - 2. Location and percent of all thickness penetration for each indication.
 - 3. Identification of tubes plugged or repaired.
- (d) Reports required by Table 15.4.2-1 - Steam Generator Tube Inspection shall provide the information required by Specification 15.4.2.C.2 and a description of investigations conducted to determine cause of the tube degradation and corrective measures taken to prevent recurrence.

B. In-Service Inspection of Reactor Coolant System Components Other Than Steam Generator Tubes

The in-service inspection program is generally based on the recommendations of ASME Boiler and Pressure Vessel Code, Section XI, Summer 1971 Addenda as practical for a plant whose design and construction preceded issuance of the recommendations. The commitments herein are made assuming that the necessary inspection

TABLE 15.4.2-1

STEAM GENERATOR TUBE INSPECTION PER UNIT
POINT BEACH UNITS 1 & 2

1ST SAMPLE EXAMINATION			2ND SAMPLE EXAMINATION		3RD SAMPLE EXAMINATION	
Sample Size	Result	Action Required	Result	Action Required	Result	Action Required
A minimum of S tubes per Steam Generator (S.G.) S=3(N/n) % Where: N is the number of steam generators in the plant = 2 n is the number of steam generators inspected during an examination	C-1	Acceptable for Continued Service	N/A	N/A	N/A	N/A
	C-2	Plug or repair tubes exceeding the plugging limit and proceed with 2nd sample examination of 2S tubes in same steam generator	C-1	Acceptable for Continued Service	N/A	N/A
			C-2	Plug or repair tubes exceeding the plugging limit and proceed with 3rd sample examination of 4S tubes in same steam generator	C-1	Acceptable for Continued Service
					C-2	Plug or repair tubes exceeding plug limit. Acceptable for Continued Service
					C-3	Perform action re- quired under C-3 of 1st sample examination
			C-3	Perform action re- quired under C-3 of 1st sample examination	N/A	N/A
	C-3	Inspect essentially all tubes in this S.G., plug or repair tubes exceed- ing the plugging limit and proceed with 2nd sample examination of 2S tubes in the other steam generator. Report results to NRC within 24 hours in accordance with Technical Specification 15.6.5.2.A.3	C-1 in other S.G.	Acceptable for Continued Service	N/A	N/A
			C-2 in other S.G.	Perform action required under C-2 of 2nd sample examination above	N/A	N/A
			C-3 in other S.G.	Inspect essentially all tubes in S.G. & plug or repair tubes exceeding the plugging limit. Report to NRC within 24 hours in ac- cordance with Technical Specification 15.6.5.2.A.3	N/A	N/A