



UNITED STATES
NUCLEAR REGULATORY COMMISSION
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February 20, 1997

MEMORANDUM FOR: Docket File

FROM: Peter S. Tam, Senior Project Manager
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

A handwritten signature in cursive script that reads "Peter S. Tam".

SUBJECT: CATAWBA UNITS 1 AND 2 - PUTTING A DOCUMENT IN THE PUBLIC
DOCUMENT ROOM (TAC M72401)

The attached message was faxed today to Mike Kitlan of Duke Power Company.
The sole purpose of the message is to prepare Duke Power Company personnel for a
conference call. The message itself does not constitute a formal request for
information or represent a formal NRC staff position.

Docket Numbers 50-414

Distribution

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Conference Call on Steam Generator Tube Inspection Results

Licensees' steam generator (SG) tube eddy current (EC) inspections play a vital role in the management of SG tube degradation. The results are used to demonstrate adequate structural and leakage integrity of the SG tubes for both condition monitoring (i.e., the as-found condition of the tubes demonstrate adequate integrity was maintained during the previous cycle) and operational assessment (i.e., the projected condition of the tubes is such that adequate integrity will be maintained during the upcoming operational cycle).

Specific information that facilitates staff reviews of licensees' condition monitoring and operational assessments includes:

Primary to secondary leakage prior to shutdown

Results of secondary side hydro

For each steam generator, provide a general description of areas examined; include expansion criteria and specify type of probe used in each area

For analyzed EC results, describe bobbin indications (those not examined with rotating pancake coil (RPC)) and indications confirmed by RPC, Plus Point, or Cecco probes. Include the following information: location, number, degradation mode, disposition, and voltages/depths/lengths of most significant indications.

Describe repair/plugging plans

Discuss previous significant inspection history; percent of tube plugged; "look backs" performed

Discuss new inspection findings

Describe in-situ pressure test plans and results, if available; include tube selection criteria

Describe tube pull plans and preliminary results, if available; include tube selection criteria

Assessment of tube integrity for previous operating cycle (condition monitoring)

Assessment of tube integrity for next operating cycle (operational assessment)

Provide schedule for steam generator-related activities during remainder of current outage

Provide general description of the plant and SGs, e.g., EPFY, cycle #, tube material, T_{hot} , U-bend heat treatment.