



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

May 27, 1993

Docket Nos. 50-390

MEMORANDUM FOR: Docket Files

FROM: Peter S. Tam, Senior Project Manager
Project Directorate II-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

SUBJECT: WATTS BAR - QUESTIONS BY DON NAUJOCK
(TAC M86347)

REFERENCE: Letter, W. J. Museler of TVA to NRC, April 16, 1993

The enclosed page of questions, made by Don Naujock, reviewer of the licensing action M86347, will be used in an upcoming conference call with TVA. These questions are made publicly available by copy of this memorandum.

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

Peter S. Tam, Senior Project Manager
Project Directorate II-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Questions by Don Naujock

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Unit 1

To: Peter Tam
From: Don Naujock
Date: May 27, 1993

SUBJECT: WATTS BAR - QUESTIONS ON THE CONDITIONS THAT CAN DETERIORATE THE PRIMARY COOLANT SYSTEMS

A. QUESTIONS ON LAY-UP OF PRIMARY SYSTEMS

1. Between 1981 and 1987 what fluids or environments were in the RCS?
 - a) When was the RCS drained?
2. What systems supporting the RCS been recently hydro-tests (i.e., CVCS, SIS, etc.)?
3. What problems did TVA experience during the recent CVCS hydro-test?
 - a) What was the cause?
 - b) Could it be associated with the dry storage?
4. Has the RCS been flushed?
 - a) How frequently?

B. QUESTIONS ON CORROSION IN PRIMARY SYSTEM

1. Was MIC identified in the system?
2. Was stagnant water looked for and found?
3. Has the piping been examined recently for corrosion?
 - a) How was it inspected?
 - b) When was the last inspection?

C. QUESTIONS ON AGING OF COMPONENTS USED IN THE PRIMARY SYSTEM

1. What examinations are performed on packing, seals and lubricants used in valves and pumps?
 - a) What are the inspection intervals and when did they start?
 - b) Were any of the disposable items changed out recently?
 - c) Can the valves and pumps be pressure checked independently?

D. QUESTIONS, GENERAL

1. What did TVA mean in the statement "EXCEPT FOR PIPING/COMPONENTS THAT ARE NOT ISOLABLE FROM THE PRIMARY LOOPS AND STEAM GENERATOR SECONDARY SIDE" (TVA letter to NRC December 5, 1986).