NOV 6 1981

Docket Nos: 50-390
and 50-391

MEMORANDUM FOR: E. Adensam, Chief
Licensing Branch No. 4
Division of Licensing

FROM: T. J. Kenyon, Project Manager
Licensing Branch No. 4
Division of Licensing

SUBJECT: NOTICE OF MEETING TO DISCUSS THE WATTS BAR PRESERVICE INSPECTION PROGRAM

DATE & TIME: November 16, 1981
12:30 - 4:30

LOCATION: P-110
Phillips Building
Bethesda, Maryland

PURPOSE: To discuss the preservice inspection program for the Watts Bar Nuclear Plant, Units 1 and 2. See enclosed agenda.

PARTICIPANTS:

TVA

D. Ormsby, et al.

EG&G IDAHO

J. F. Cook
B. Brown

NRC

T. J. Kenyon
M. R. Hum
J. Gleim
J. Colley

/s/
Thomas J. Kenyon, Project Manager
Licensing Branch No. 4
Division of Licensing

Enclosure:
As stated

OFFICE	cc: See next page	DL:LB#4	DL:LB#4			
SURNAME		TKenyon:eb	EAdensam			
DATE		11/4/81	11/5/81			

WATTS BAR

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c/o U.S. Nuclear Regulatory
Commission
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Mr. David Ormsby
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Chattanooga, Tennessee 37401

ATTACHMENT

AGENDA FOR WATTS BAR MEETING

Participants: NRC - T. Kenyon, Project Manager
M. R. Hum, Materials Engineering Branch
J. Gleim, Materials Engineering Branch

J. Coley, I&E, Region II

NRC Consultants: J. F. Cook, EG&G IDAHO
B. Brown, EG&G, IDAHO

1. Objectives of Review
2. Overview of Schedule and Status of PSI
3. Examination Sampling Criteria and Exemptions Based on IWB-1220 and IWC-1220
4. Reactor Vessel Examination - Procedures, Results, Areas that are Impractical to Examine, and Regulatory Guide 1.150
5. Examination of Cast Stainless Steel Primary Piping - Techniques, Equipment, Calibration Blocks, and Results
6. Piping System Examination - Procedures, Extent of Examination Coverage, Practice with One-Side Access, Practice with Limitations to Examinations, and Results
7. Relief Requests
8. NRC Questions and Discussions

WATTS BAR PRESERVICE INSPECTION PROGRAM MEETING TOPICS

1. Response to Questions 121.3 and 121.7 includes Figures Q121.7 and Q121.7-2 which show that reactor vessel weld seam W05 is located between the lower shell and intermediate shell forgings. The responses also indicate that there is only one weld in the reactor vessel beltline region.

   The Watts Bar preservice/inservice inspection plan shows different weld numbers, different forgings and three beltline welds. Clarify this discrepancy.

2. Our evaluation and comments on the relief requests are presented as follows:

   Relief Request ISI-1, Examination Categories B-F, and B-J, C-F, and C-G Piping Welds, Notches for Calibration, 50% DAC Recording

   When performing the inservice examination of either ferritic or austenitic piping welds:

   A. Any crack-like indication, 20% of DAC or greater, discovered during examination of piping welds or adjacent base metal materials should be recorded and investigated by a Level II or Level III examiner to the extent necessary to determine the shape, identity, and location of the reflector.

B. The Owner should evaluate and take corrective action for the disposition of any indication investigated and found to be other than geometrical or metallurgical in nature.

Relief Request ISI-2, Examination Category B-L-2, Reactor Coolant Pumps

A. Disassembly of a reactor coolant pump solely to perform a preservice visual examination of the internal casing is an impractical requirement. The fabrication NDE requirements exceed the PSI visual examination requirements are an acceptable alternative for PSI.

B. Each licensed facility at the plant site must meet the requirements of 10 CFR 50.55a(g). The preservice and inservice inspections performed at a specific facility cannot be used to fulfill the examination requirements of another similar plant.

C. For ISI, the request to use ultrasonic wall thickness measurements in lieu of disassembly will be evaluated as part of the ISI program review.

Relief Request ISI-3, Examination Category B-M-2, Class 1 Valves Exceeding 4-Inch Nominal Pipe Size

A. The fabrication NDE requirements exceed PSI visual examination requirements and are an acceptable alternative for PSI.

B. The request to waive ISI requirements for valves not disassembled for maintenance is of a general nature and does not demonstrate that the ASME Code requirements are impractical for the facility because of design or access.

C. The applicant concludes that the intent of Category B-M-2 ISI is met if one valve in each group of valves of the same constructional design and manufacture from any unit is examined during the inspection interval. Each licensed facility at the plant site must meet the requirements of 10 CFR 50.55a(g). The preservice and inservice inspections performed at a specific facility cannot be used to fulfill the examination requirements of another similar plant.

Relief Request ISI-4, Examination Categories B-F, B-J, C-F, and C-G Piping Welds

The applicant has requested relief from performing generic volumetric and surface examinations required by the ASME Code, Section XI, on pressure-retaining welds in Class 1 and Class 2 piping for Categories B-F, B-J, C-F, and C-G.

Insufficient information was presented by the applicant to justify approval of this relief request. The technical justification should include the information in question 121.22 for each weld in each category.

MEETING NOTICE DISTRIBUTION

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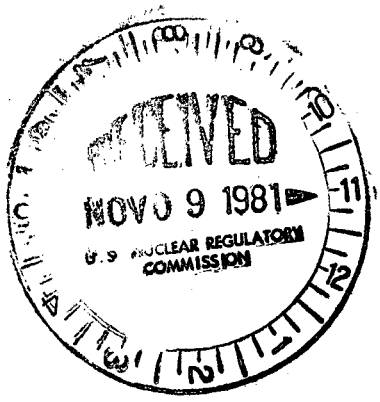

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NOV 6, 1981

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bcc: Applicant & Service List