



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

January 18, 1991

MEMORANDUM FOR: John Craig, Director
License Renewal Project Directorate
Division of Advanced Reactors
and Special Projects
Office of Nuclear Reactor Regulation

FROM: Ronald Parkhill, Sr. Mechanical Engineer
License Renewal Project Directorate
Division of Advanced Reactors
and Special Projects
Office of Nuclear Reactor Regulation

SUBJECT: NUMARC LICENSE RENEWAL INDUSTRY REPORTS
For BWR Reactor Pressure Vessel
and BWR Reactor Vessel Internals

DATE & TIME: Tuesday through Thursday, January 22, 23, 24, 1991
8:30 a.m. to 5:00 p.m.

LOCATION: One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852
6 B 11 (Tuesday & Thursday)
2 F 2* (Wednesday)

PURPOSE: To discuss the resolution of NRC staff comments on the
Industry Reports for BWR Reactor Pressure Vessel and
BWR Reactor Vessel Internals. The meeting has been
expanded to include a discussion on fatigue and
environmental qualification issues (see attached meeting
agenda).

PARTICIPANTS:* NRC NUMARC

J. Craig K. Cozens
P. T. Kuo E. Griffing
R. Parkhill
P. Shemanski
et al

Ronald Parkhill, Sr. Mechanical Engineer
License Renewal Project Directorate
Division of Advanced Reactors
and Special Projects
Office of Nuclear Reactor Regulation

*Meetings between NRC Technical staff and applicants or licensees are open for interested members of the public, petitioners, intervenors, or other parties to attend as observers pursuant to "Open Meeting Statement of NRC Staff Policy," 43 Federal Register 28058, 6/28/78.

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MEETING AGENDA WITH NUMARC
(Sequence Set, Daily Agenda May Vary Depending on Progress)

TUESDAY JANUARY 22 8:30 a.m. - 5:00 p.m. 6B11

- (1) 8:30 a.m. - 9:00 a.m. Introductory Remarks
9:00 a.m. - Fatigue Presentation Talking Paper
- (2) Fatigue (BWR-RV)
G-08, G-09, G-10, G-11, G-12, G-17
S-15, S-17, S-20, S-21, S-22, S-46, S-47

Fatigue (BWR-RV Internals)
G-4
S-7, S-26
- (2) General License Renewal & Loose Parts (BWR-RV Internals)
G-1, G-2, G-5, G-6, G-9, G-12, G-16, G-17
S-2, S-13

WEDNESDAY JANUARY 23 8:30 a.m. - 5:00 p.m. 2F21

- (4) Radiation Embrittlement (BWR-RV)
G-04
S-04, S-07, S-09, S-50, S-51, S-52, S-54, S-60, S-67

Radiation Embrittlement (BWR-RV Internals)
S-18
- (5) Thermal Aging (BWR-RV Internals)
S-19, S-20
- (6) Fracture Mechanics (BWR-RV Internals)
S-6, S-27, S-29
- (7) IGSCC (BWR-RV)
S-13, S-30, S-36, S-42, S-45
- (8) SCC (BWR-RV)
S-01, S-11, S-12, S-27, S-28, S-29, S-33, S-37, S-38, S-65, S-66

SCC (BWR-RV Internals)
S-17

THURSDAY JANUARY 24 8:30 a.m. - 5:00 p.m. 6B11

- (9) Inspection (BWR-RV)
G-05, G-18
S-03, S-08, S-41, S-53, S-56

Inspection (BWR-RV Internals)
S-03, S-04, S-05, S-10, S-11, S-15, S-25, S-32
- (10) Erosion/Corrosion (BWR-RVI)
S-40
- (11) Chemistry (BWR-RV)
S-26, S-32, S-34, S-35
- (12) Environmental Qualification issues related to license renewal

DISTRIBUTION FOR MEETING NOTICE DATED:

Central File

NFC PDR

LFPD R/F

T. Murley/F. Miraglia

J. Partlow

D. Crutchfield

W. Travers

ADSP R/F

Acting Chief, EAB

OGC

E. Jordan

P. Crines

Receptionist (Building where meeting is being held)

NFC Participants

ACRS (10)

GPA/FA

V. Wilson

L. Tana

N. Green, Jr.

L. Thomas

W. Minners

F. Gillespie

R. Bosnak

A. Thadani

J. Richardson

L. Shao

J. Vora

W. Travers