



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

MAR 5 1976

PDR
PDR

DOCKETS NOS. : 50-219, 50-220, 50-237, 50-245, 50-249, 50-254, 50-259,
50-260, 50-263, 50-265, 50-271, 50-277, 50-278, 50-293,
50-296, 50-298, 50-321, 50-324, 50-325, 50-331, 50-333,
50-341, 50-354, 50-355, and 50-366.

LICENSEES: Boston Edison Company, Carolina Power & Light Company,
Commonwealth Edison Company, Detroit Edison Company, Georgia
Power Company, Iowa Electric Light & Power Company, Jersey
Central Power & Light Company, Nebraska Public Power District,
Niagara Mohawk Power Company, Northeast Nuclear Energy Company,
Northern States Power Company, Philadelphia Electric Company,
Power Authority State of New York, Public Service Electric
and Gas, Tennessee Valley Authority, Vermont Yankee Nuclear
Power Corporation.

FACILITIES: Oyster Creek Nuclear Generating Station, Nine Mile Point
Unit 1, Pilgrim 1, Dresden Units 2 and 3, Millstone Unit 1,
Quad Cities Units 1 and 2, Monticello, Peach Bottom Units
2 and 3, Browns Ferry Unit 1, 2 and 3, Vermont Yankee,
Hatch Units 1 and 2, Brunswick Units 1 and 2, Duane Arnold
Energy Center, Cooper, Fitzpatrick, Enrico Fermi Unit 2,
and Hope Creek Units 1 and 2.

SUMMARY OF MEETING HELD ON FEBRUARY 26, 1976 TO DISCUSS BWR MARK I CONTAINMENT
EVALUATION

Introduction

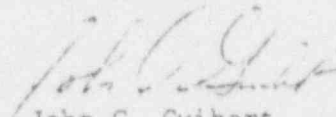
On February 26, 1976, a meeting was held in Bethesda with representatives
of the Mark I Owners Group and their technical consultants to discuss recent
developments regarding the structural adequacy of torus support column welds
and proposed plans to promptly restore adequate margins of safety for the
torus column support systems at operating BWR's with the Mark I containment.
Enclosure 1 is a list of the meeting attendees.

Summary

The NRC staff expressed its concern over information recently obtained during
a working meeting between the staff and the representatives of the Mark I
Owners Group in San Jose on February 19 and 20, 1976. This information
demonstrated that the margin of safety for the welds at the top of the
torus support columns is lower than that which exists for other Mark I
components. Because of this concern and the uncertainties inherent in the
tests performed to establish the hydrodynamic loads anticipated during a
postulated loss-of-coolant accident (LOCA), the NRC staff requested that
the licensees of operating BWR's with the Mark I containment propose plans
to promptly restore the margin of safety to at least a factor of two.

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Representatives of each licensee described and discussed various operating modifications which would reduce the magnitude of the potential hydrodynamic loads associated with a postulated LOCA, such as use of an increased drywell pressure and decreased torus water level. Following these discussions the members of the Mark I Owner's Group indicated that they would enhance safety margins by pressurizing the containment to establish a differential pressure of at least 1 psi between the drywell atmosphere and the torus. It was agreed that this differential pressure would be established by March 1, 1976 for those reactors currently in operation and prior to return to operation for those plants currently shutdown. The Mark I BWR licensees also committed to document this agreement by letters to be placed in the docket for each individual facility affected. The NRC staff concurred with the technical basis for this method of restoring the Mark I containment structure margin of safety to about a factor of two.



John C. Guibert
Operating Reactors Branch #3
Division of Operating Reactors

cc: See next page

ENCLOSURE

ATTENDANCE LIST
NRC - MARK I OWNER'S

Nuclear Regulatory Commission

W. Paulson
Karl R. Goller
R. L. Tedesco
I. Sihweil
L. Shao
David C. Teng
V. Stello
R. E. Heineman
A. Schwencer
D. Eisenhut
C. Tan
P. DiBenedetto
R. P. Snaider
E. Verdery
J. Guibert
I. A. Stridiron
M. Grotenhuis
G. Lear
G. Amir
M. Fairtile
T. J. Carter
J. C. Glynn
T. M. Su

NUSCO

Robert N. Smart

Teledyne

N. S. Celia
J. A. Hayward
W. E. Cooper

Boston Edison

S. L. Rosen
H. O'Connor

Kaiser Engineers

D. W. Ogden
D. B. Heilig

Nebraska Public Power Co.

L. Liss
R. E. Wilbur
R. P. Lovei

Philadelphia Electric Company

H. W. Vollmer
R. S. Fleischmann
M. J. Cooney
R. H. Logue
V. S. Boyer

Bechtel Power Corporation

B. S. Shicker
H. Friend
H. A. Franklin

Tennessee Valley Authority

J. Carter
R. Steffy

Commonwealth Edison

R. L. Bolger
L. DelGeorge
D. P. Galle

Sargent & Lundy

Adolf Walser

NUTECH

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K. A. Hoedeman
G. R. Edwards

Iowa Electric Light & Power Company

K. A. Meyer
Larry D. Root

Lowenstein, Newman, Reis & Axelrad

Kathleen H. Shea

Jersey Central Power & Light Company

E. F. O'Connor
R. W. Wulf

MPR Associates

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S. J. Weems
M. J. Partridge

Northern States Power Company

G. H. Neils

Yankee Atomic Energy Company

T. D. Keenan

Power Authority of the State of NY

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J. Helland
W. Hultgren

General Electric

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L. S. Gifford
N. Shirley

Electric Power Research Institute

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Vermont Yankee

J. W. Beck
D. E. Vandenburg

Georgia Power Company

C. F. Head
J. R. Jordan

Southern Services Inc.

F. E. Ehrensperger
T. T. Robin

Detroit Edison Company

A. B. Harris
F. E. Gregor

Public Service Electric & Gas Co.

F. M. Linn

Chicago Bridge and Iron

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R. F. Reedy
D. L. Whitt

Carolina Power and Light Company

R. K. Cothren

Niagara Mohawk Power Corp.

M. G. Mosier