



UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C. 20545

FEB 24 1975

VENDOR: BABCOCK & WILCOX COMPANY

SUMMARY OF MEETING HELD ON FEBRUARY 4, 1975 TO DISCUSS STAFF'S INITIAL EVALUATION OF B&W TOPICAL REPORT BAW-10097

On February 4, 1975, members of the staff met with representatives of B&W to discuss a draft request for information on topical report BAW-10097, "Mark C (17 x 17) Fuel Assembly - Research and Development". Attendance list is attached.

In response to our requests for information, B&W agreed to:

- 1) Provide us with a schedule for the timely completion of their R&D program with respect to the first Mark C fuel design plant FSAR submittal (Bellefonte).
- 2) Provide us with a better definition of how they interpolate, extrapolate and apply the data they obtain from the mechanical and hydraulic tests performed on the prototype fuel assemblies containing brass pellets and tungsten powder to production units containing  $UO_2$  fuel. This information will be submitted either as part of this report or along with the results of the R&D program.
- 3) Add a section to the report which identifies the design changes which were made in going from the Mark B to the Mark C fuel. This section will also specify, for each design change and for the control rod drop time study, the document(s) in which a description of the test program and the results of the test program can be found, e.g., topical report, PSAR.
- 4) Include a table in the report which lists the proposed test conditions and the information they hope to obtain from the hydraulic tests.
- 5) Explain how the data from the pressure drop tests in Section 4.4.1 are used to calculate the form loss coefficient, specify the assumptions which are made, and supply more detail in Figure 4-1 in the form of dimensions and instrumentation elevations.
- 6) Commit to a CHF R&D program.

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PDR FOIA  
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The staff agreed to omit several items from the formal request for information. These items represent information the staff will need to evaluate the data but not to accept the topical report for reference. It was agreed that when the results of the R&D program are submitted to the staff, it will contain a section which addresses these items.

Based on this meeting, the staff will prepare a formal request for information which will be sent to B&W shortly.

*Joan M. Giannelli*

Joan M. Giannelli, Project Engineer  
Light Water Reactors Branch 2-3  
Division of Reactor Licensing

Attachment:  
List of Attendees

B&W MEETING - FEBRUARY 4, 1975

ATTENDANCE LIST

NRC

J. Giannelli, LRL  
D. Houston, DTR  
\*W. Lanning, DTR  
\*W. Hodges, DTR  
\*R. Lobel, DTR  
\*S. Kim  
\*F. Coffman, DTR  
\*D. Davis, DRL

B&W

P. H. Klink  
R. V. DeMars  
R. M. Hiatt  
R. Schaffstetl

\*Part-time Attendance

DISTRIBUTION OF MEETING SUMMARY

FEB 24 1975

DATED

T Cox

Central Files

~~Docket Files~~

NRC PDR

LPDR

L Reading (M. Groff)

LWR 2-3 Reading File

VAMoore

RCDeYoung

DMuller

KGoller

DSkovholt

RDenise

JStolz

KKniel

ASchwencer

DVassallo

OParr

WButler

BYoungblood

WRegan

GDicker

GKnighton

CLear

RPurple

DZiemann

PCollins

WHouston

RVollmer

RIreland

RClark

SVarga

MWilliams

FSchroeder

RMaccary

HDenton

RTedesco

VStello

JKnight

SPawlicki

LShao

BGrimes

WGammill

MSpangler

JKastner

RBallard

CLong

GLainas

VBenaroya

TNovak

Tippolito

DRoss

OELD

I&E (3)

RS (3)

EGoulbourne

ACRS (16)

D. Houston

W. Lanning

W. Hodges

LWR 2-3 LPM's

R. Lobel

S. Kim

F. Coffman