

Docket Nos. 50-322, 358, 341  
and 440/441

APR 10 1983

Document Control Desk  
50-322, 50-358, 50-341  
50-440/441

MEMORANDUM FOR: Atomic Safety and Licensing Boards for:  
  
Shoreham Nuclear Power Station  
Zimmer Nuclear Power Station  
Perry Nuclear Power Plant  
  
Atomic Safety and Licensing Appeal Boards for:  
  
Enrico Fermi 2  
Zimmer Nuclear Power Station

FROM: Thomas M. Novak, Assistant Director  
for Licensing  
Division of Licensing

SUBJECT: RESOLUTION OF DIFFERING PROFESSIONAL OPINION CONCERNING  
SENSITIZATION OF BWR STAINLESS STEEL WELDMENTS  
(Board Notification No. 83-24)

This information is provided in accordance with the present NRC procedures regarding Board Notifications. This information is applicable to all BWR's.

The differing professional opinion (DPO) concerning sensitization of BWR stainless steel weldments brought to your attention in BN-82-70, dated July 20, 1982, has been resolved.

In the conduct of the DPO to reach resolution, it has been determined that the stainless materials of components other than those of the reactor coolant pressure boundary (piping) are likely to be sensitized and susceptible to intergranular stress corrosion cracking. It has also been concluded that the ISI program being conducted at the Monticello plant on the reactor internals would permit meaningful detection of significant inservice degradation of these components. Use of Monticello's ISI technique and the scope of inspection identified in the Monticello program and in the Perry PSAR resolves the concern relating to the potential inservice degradation of reactor internals.

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PDR ADOCK 05000322  
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SURNAME							
DATE							

APR 19 1983

The staff has reviewed this resolution and has concluded that meeting the intent of the ASME Code Section XI would necessitate the use of an inspection technique and inspection scope consistent with the Monticello inspection program and that characterized in the Perry PSAR. Therefore, no new requirements are necessary, and our conclusions in the SERs remain unchanged.

Original signed by:

Thomas M. Novak

Thomas M. Novak, Assistant Director  
for Licensing  
Division of Licensing

cc: See next page

OFFICE	AD/L	DE	AD/L	DL		
SURNAME	SBlack:RIS	TSullivan	TNovak	MWilliams		
DATE	4/18/83	4/8/83	4/18/83	4/18/83		

Docket Nos. 50-322, 358  
and 341

MEMORANDUM FOR: Atomic Safety and Licensing Boards for:  
Shoreham Nuclear Power Station  
Zimmer Nuclear Power Station  
Atomic Safety and Licensing Appeal Boards for:  
Enrico Fermi 2  
Zimmer Nuclear Power Station

FROM: Thomas M. Novak, Assistant Director  
for Licensing  
Division of Licensing

SUBJECT: RESOLUTION OF DIFFERING PROFESSIONAL OPINION CONCERNING  
SENSITIZATION OF BWR STAINLESS STEEL WELDMENTS  
(Board Notification No. 83-24)

This information is provided in accordance with the present NRC procedures regarding Board Notifications. This information is applicable to all BWR's.

It has been determined that the stainless materials of components other than those of the reactor coolant pressure boundary (piping) are likely to be sensitized and susceptible to intergranular stress corrosion cracking. However, the staff reviewed the ISI programs for Monticello and Perry and concluded that they are sufficient to detect significant inservice degradation of reactor internals. An ISI program of this scope and technique is required to meet ASME Code Section XI, therefore no new requirement is necessary.

The differing professional opinion (DPO) concerning sensitization of BWR stainless steel weldments brought to your attention in BN-82-70, dated July 20, 1982, has been resolved.

Thomas M. Novak, Assistant Director  
for Licensing  
Division of Licensing

cc: See next page

OFFICE	AD/L <i>AB</i>	AD/L	DE				
SURNAME	SBlack:ms	TMNovak	RVollmer				
DATE	3/2/83	3/ /83	3/ /83				

Docket Nos. 50-322, 358  
and 341

MEMORANDUM FOR: Atomic Safety and Licensing Boards for:  
Shoreham Nuclear Power Station  
Zimmer Nuclear Power Station  
Atomic Safety and Licensing Appeal Boards for:  
Enrico Fermi 2  
Zimmer Nuclear Power Station

FROM: Thomas M. Novak, Assistant Director  
for Licensing  
Division of Licensing

SUBJECT: RESOLUTION OF DIFFERING PROFESSIONAL OPINION CONCERNING  
SENSITIZATION OF BWR STAINLESS STEEL WELDMENTS  
(Board Notification No. 83-24)

In accordance with the present NRC procedures regarding Board Notifications, the enclosed information is provided for your use. This information is applicable to all BWR's.

The differing professional opinion (DPO) concerning sensitization of BWR stainless steel weldments brought to your attention in BN-82-70, dated July 20, 1982, has been resolved. The staff has concluded that use of the type of inservice inspection program being conducted at the Monticello Plant on the reactor internals and one with the scope of inspection planned for Perry would permit adequate detection of degradation of reactor internals for BWRs. Therefore, this is an appropriate position to take for Shoreham and other plants under licensing review.

We have determined that a program implementing the Monticello inspection technique and scope of the Perry program is necessary to meet ASME Code Section XI and does not involve imposing any new requirements.

Thomas M. Novak, Assistant Director  
for Licensing  
Division of Licensing

Enclosure:  
As stated

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OFFICE	AD/L	AD/L			
SURNAME	SBlack:ms	TMNovak			
DATE	3/ /83	3/ /83			

Docket Nos. 50-322, 358,  
and 341

MEMORANDUM FOR: Atomic Safety and License Boards for:  
Shoreham Nuclear Power Station  
Zimmer Nuclear Power Station  
Atomic Safety and Licensing Appeal Boards for:  
Enrico Fermi 2  
Zimmer Nuclear Power Station

FROM: Thomas M. Novak, Assistant Director  
for Licensing  
Division of Licensing

SUBJECT: RESOLUTION OF DIFFERING PROFESSIONAL OPINION CONCERNING  
SENSITIZATION OF BWR STAINLESS STEEL WELDMENTS (BOARD  
NOTIFICATION 83- )

In accordance with the present NRC procedures regarding Board Notifications, the enclosed information is provided for your information. This information is applicable to all BWR's.

By memorandum dated July 20, 1982 you were notified of a differing professional opinion concerning sensitization of BWR stainless steel weldments (BN 82-70). The enclosed memoranda contain the resolution of the differing professional opinion.

Thomas M. Novak, Assistant Director  
for Licensing  
Division of Licensing  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc: See next page

OFFICE	AD/L AB	AD/L					
SURNAME	SBlack:ms	TNovak					
DATE	2/23/83	2/7/83					

Docket No. 50-358

MEMORANDUM FOR: Chairman Palladino  
Commissioner Gilinsky  
Commissioner Ahearne  
Commissioner Roberts  
Commissioner Asselstine

FROM: Darrell G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

SUBJECT: RESOLUTION OF DIFFERING PROFESSIONAL OPINION CONCERNING  
SENSITIZATION OF BWR STAINLESS STEEL WELDMENTS (BOARD  
NOTIFICATION 83- )

In accordance with the present NRC procedures regarding Board Notifications, the enclosed information is provided for your information. This information is applicable to all BWR's.

By memorandum dated July 20, 1982 you were notified of a differing professional opinion concerning sensitization of BWR stainless steel weldments (BN 82-70). The enclosed memoranda contain the resolution of the differing professional opinion.

Darrell G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

Enclosures:  
As stated

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OFFICE	AD/L <i>AB</i>	AD/D <i>TM</i>	DL	DL:D			
SURNAME	SBlack:ms	TNovak	MWilliams	DGEisenhut			
DATE	2/22/83	2/17/83	2/ /83	2/ /83			

cc: OPE  
OGC  
SECY

Atomic Safety and Licensing Boards for:

Shoreham (Brenner, Carpenter, Morris) 50-322  
Zimmer (Frye, Hooper, Livingston) 50-358

Atomic Safety and Licensing Appeal Boards for:

Fermi 2 (Eilperin, Gotchy, Moore) 50-341  
Zimmer (Rosenthal, Eilperin, Wilber) 50-358

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