



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

July 27, 1989

#12

NOTE TO: Ashok Thadani

SUBJECT: DPV CONCERNING CONTAINMENT ISOLATION VALVES AT ZION

The Standing Committee on Differing Professional Views (DPV) has been considering the subject DPV from Bob Licciardo. The Committee asked for some clarifying information (see attached).

The Committee requests that you provide the following information:

- ° Technical rationale for time to fuel damage from onset of LOCA in Appendix K analysis with particular emphasis on
 - pressure and temperature effects experienced by fuel early in LOCA event; and
 - why entry into DNBR does not result in fuel failure.

In addition, provide comments regarding the applicability of Reg. Guides, SRP's and BTP's cited in the attached to the review of the Zion amendment.

This information should be provided by close of business August 11, 1989.

Frank Miraglia
Frank Miraglia

Enclosure:

Memo to F. Miraglia from
R. Licciardo w/encl.
dat 7/20/89

cc w/o encl:
E. Rossi
F. Corgel
H. Smith

B911020209 891031
PDR ADDCK 05000295
P PDR

July 21, 1989

#11

MEMORANDUM FOR: Robert Licciardo, Reactor Engineer
 Plant Systems Branch, DEST

FROM: Frank J. Miraglia, Associate Director
 for Inspection and Technical Assessment

SUBJECT: DPV CONCERNING CONTAINMENT ISOLATION VALVES AT ZION
 (TAC 73427) - STATUS INFORMATION

This is to acknowledge that on July 20, 1989, I received the information requested by my June 30, 1989 memorandum. Based on the receipt of this information, the Standing Review Panel (E. Rossi, F. Congel and myself) can continue its review of your concerns. The Panel expects to complete this review within 30 days, as provided for in Manual Chapter (MC) 4125 (see page 2, item 7 of the enclosure to MC 4125 entitled "Procedures for the Expression and Disposition of Differing Professional Views and Opinions," which is attached to NRR Office Letter No. 300, Revision 1 dated March 24, 1989).

Pursuant to MC 4125, the Director, NRR, is expected to make a final disposition of the issue within seven days of the Panel's decision.

By copy of this memorandum NRR is notifying the EDO of the status of the Differing Professional View that you filed on May 11, 1989. The enclosed chronology documents the status to date.

Original signed by
 Frank J. Miraglia

Frank J. Miraglia, Associate Director
 for Inspection and Technical Assessment

Enclosure:
 Chronology

cc w/encl:
 V. Stello, EDO
 J. Blaha, AO, EDO
 T. Murley
 J. Sniezek
 F. Gillespie
 E. Rossi
 F. Congel
 J. Partlow
 G. Holahan
 A. Thadani
 C. Patel
 C. McCracken

DISTRIBUTION
 Central Files
 ADM RF (2)
 HSmith
 VWilson
 JLarkins
 FMiraglia

CONTACT:
 H. Smith, PMAS
 x21287

8909140162 - JPP
 XA

*See previous concurrence

[DPV]

| | | | | | | | |
|----|-----------|------------|---|---|---|---|---|
| C | :PMSB:NRR | :ADT:NRR | : | : | : | : | : |
| ME | :*HSmith | :FMiraglia | : | : | : | : | : |
| TE | :07/20/89 | :07/21/89 | : | : | : | : | : |

CHRONOLOGY

Robert Licciardo

DPV Concerning Containment Isolation Valves at Zion

| <u>Date</u> | <u>Description</u> |
|-------------|--|
| 5/11/89 | Memorandum from R. Licciardo to T. Murley, subject: <u>Differing Professional View (DPV) Concerning (a) Issuance of SER to Zion 1 and 2 allowing fuel-power operation with open 42" containment isolation valves; (b) methodology used for calculating related offsite doses.</u> |
| 5/18/89 | Memorandum from T. Murley to R. Licciardo acknowledging that on May 12, 1989, the Director's Office received his DPV dated May 11, 1989. Note that this memorandum also requests a listing of persons Mr. Licciardo would like to be considered for the third and alternate members for the Standing Review Panel. |
| 5/25/89 | Memorandum from R. Licciardo to T. Murley, nominating S. Varga, F. Congel and G. Holahan to consider as third and alternate members of the Standing Review Panel. |
| 5/26/89 | Memorandum from T. Murley to F. Miraglia, C. E. Rossi, and F. Congel stating that they have designated the panel to review and recommend to the Director, NRR, the appropriate disposition of Mr. Licciardo's DPV. |
| 6/2/89 | Memorandum from F. Miraglia to R. Licciardo acknowledging that the Standing Review Panel has determined that adequate information has been supplied to initiate a review of the DPV. |
| 6/16/89 | The Standing Review Panel met with Mr. Licciardo to further discuss his views. |
| 6/23/89 | Memorandum from F. Miraglia to R. Licciardo acknowledges meeting held on June 16, 1989, and the Panel's request for the following information: (1) request that Mr. Licciardo more clearly state his concern regarding the time to fuel failure used in LOCA analyses; (2) request that Mr. Licciardo clarify the mechanisms for transporting fission products from the primary to containment used in Mr. Licciardo's analyses; and (3) request that he provide his view as to the safety significance of proceeding with the proposed Zion amendment and the safety significance of his concern regarding LOCA analyses. |

- 6/30/89 Memorandum from R. Licciardo to F. Miraglia stating that the information requested by memo from F. Miraglia dated 6/23/89 will be provided by July 17, 1989.
- 7/14/89 Memorandum from R. Licciardo to F. Miraglia advising that information provided by his memorandum dated June 30, 1989 will be submitted by July 20, 1989
- 7/20/89 Memorandum from R. Licciardo to F. Miraglia transmitting information requested on June 23, 1989.