

FACSIMILE REQUEST

Date 2/13/80

MESSAGE TO: JIM CRESWELL  
IE: HQ

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MESSAGE FROM: DON HAVERKAMP  
U.S.N.R.C. REGION I KING OF PRUSSIA, PENNA.

TRANSMITTED BY: D. Haverkamp

DATE & TIME: 2/13/80 1005

VERIFIED BY: \_\_\_\_\_

3. What followup work was done with respect to each of these events? Include a description of any analysis that was performed and your conclusions regarding the severity of the event.

Followup work performed by Region I with respect to each of the ECCS actuations at TMI-2 is described in inspection reports as indicated in the below table.

FCCS Actuation Date	Licensee Reports	NRC Region I Inspection Reports
3/29/78	Met Ed letter GQL 0698 dated 5/1/78 w/LER 78-21/3L	78-15, Para 4 78-17, Para 4 and 5
<i>missing</i>	Met Ed letter GQL 1118 dated 6/27/78 w/Special Report (Designated by Region I as LER 78-22/20X)	78-24, Para 10
4/23/78	Met Ed letter GQL 1227 dated 7/24/78 w/Special Report (Designated by Region I as LER 78-32/99X)	78-17, Para 8 78-24, Para 3, 6, 7 and 10
<i>missing</i>	Met Ed letter GQL 0871 dated 5/8/78 w/LEs 78-33/1T and 78-34/1T	78-27, Para 2 and 3
	Met Ed letter GQL 1186 dated 7/31/78 w/Revision #1 to LERs 78-33/1T and 78-34/1T	78-28, Para 2, 5 and 6
11/7/78	Met Ed letter GQL 0114 dated 1/30/79 w/LER 78-65/99X	78-33, Para 4 79-07, Para 6
12/2/78	Met Ed letter GQL 0286 dated 2/29/79 w/LER 78-69/99X	79-07, Para 6

No additional or special analysis was considered necessary for performance by either the licensee or Region I as a result of the above ECCS actuations. However, an engineering evaluation of each actuation, including the cause(s), consequences and determination of appropriate corrective action(s), was performed by the licensee and reviewed by NRC Region I inspectors and supervisory personnel. In addition, details of the licensee's evaluations of the March 29 and April 23, 1978 events were informally provided by the Region I project inspector to the NRR project manager for his independent review.

No quantitative assessment of the severity of each event was performed by the NRC. The ECCS actuations of March 29, 1978 and April 23, 1978 were considered severe due to the magnitude and extent of the accompanying transients, whereas the actuations of November 7, 1978 and December 2, 1978 were of short duration and thus less severe. However, each ECCS actuation was significant in that they were all valid initiations.

4. With regard specifically to the ~~actuation~~<sup>activation</sup> of HPI at TMI-2, whether you contemplated any actions that would reduce the number of actuations of HPI under non-loss-of-coolant accident conditions.

The TMI-2 ECCS actuations resulted from either an actual loss-of-coolant condition (March 29, 1978), an overcooling condition (April 23, 1978 and December 2, 1978), or an underpressure condition (November 7, 1978). For each non-loss-of-coolant accident condition, the ECCS actuation was necessary to maintain or restore subcooling of the reactor coolant system. The cause of each actuation was unique, as was the appropriate corrective action to prevent recurrence of the transients. The licensee's corrective actions were reviewed and found acceptable. No additional actions were contemplated by the NRC that would reduce the number of HPI actuations.

MAY 3 1978

MEMORANDUM FOR: E. J. Brunner, Chief, Reactor Operations and Nuclear Support Branch, Region I

FROM: K. V. Seyfrit, Assistant Director for Technical Programs, IE

SUBJECT: THREE MILE ISLAND UNIT NO. 2/PRESSURIZER RELIEF VALVE (AITS F14674H2)

By memorandum dated March 31, 1978, the Region requested that we review the adequacy of the control system for the subject valve. The request is based on failure of the valve in the open position. Failure in this position is covered in Section 7.4.1.1.6 of the FSAR. We conclude that additional review is not warranted.

Action Item F14674H2 is closed.

Karl V. Seyfrit, Assistant Director  
for Technical Programs  
Division of Reactor Operations Inspection

cc: E. C. McCabe, RI  
D. M. Sternberg, RI  
D. R. Haverkamp, RI

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DATE	5/2/78	5/2/78			