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July 28, 1982
4400-82-L-0126

Office of Inspection and Enforcement
Attn: Mr. Ronald C. Haynes, Director
Region I
US Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
I & E Bulletin 79-03A

This letter is the Three Mile Island Unit 2 (TMI-2) response to I & E Bulletins 79-03 and 79-03A "Longitudinal Weld Defects in ASME SA-312, Type 304 Stainless Steel Pipe". These bulletins required the following action:

I & E Bulletin 79-03

1. Determine whether ASME SA-312, Type 304 or other welded (without filler metal) pipe manufactured by Youngstown Welding and Engineering Company is in use or planned for use in safety-related systems at your facility.
2. For those safety-related systems where the subject piping is in use or planned for use, identify the application of the piping including system, pipe location, pipe size, and design pressure/temperature requirements.
3. Develop a program for volumetric examination of the longitudinal welds including acceptance criteria for the piping identified in Item 2 above. Describe planned corrective actions if acceptance criteria are not met. If a sampling program is utilized explain the basis for the sample size.

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4. For facilities with an operating license, a report of the above actions, including the date(s) when they will be completed, shall be submitted within 30 days of receipt of this bulletin.
5. For facilities with a construction permit, a report of the above actions, including the date(s) when they will be completed, shall be submitted within 60 days of receipt of this bulletin.

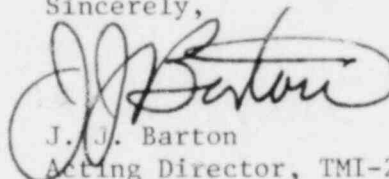
I & E Bulletin 79-03A

1. Determine whether SA-312 or A-312, Type 300 Series fusion welded pipe is in use or planned for use in safety-related systems subject to design stresses greater than 85 percent Code allowable stresses. For the purpose of this check, the actual wall thickness of the piping products will be considered adequate if the code requirements for pressure design of the piping products are satisfied using 85 percent of the maximum allowable stress at the design temperature.
2. For those piping components using greater than 85 percent of the allowable stresses identify the application of the piping including the system, pipe location, pipe size, pipe configuration (elbow, tee), design pressure/temperature requirements and the manufacturer.
3. For those facilities under construction and where access permits, the ends of all safety-related SA-312 and A-312 fusion welds should be etched to determine if CLP exists. Identify the manufacturer and the degree of CLP as a percentage of the pipe wall thickness.
4. For facilities with an operating license, a report of the above information shall be submitted within 120 days of receipt of this bulletin.
5. For facilities with a construction permit, a report of the above information shall be submitted within 120 days of receipt of this bulletin.

RESPONSE

A review of Purchase Orders, Maintenance Change Modifications, and Engineering Change Memorandum has been done for TMI-2. The results of this review are that no records show the use of ASME SA-312 or A-312 Type 300 Series fusion weld pipe in any safety-related system. This includes the Mini Decay Heat Removal System. Since TMI-2 does not have any of the material in question, no further action is required.

Sincerely,



J. J. Barton
Acting Director, TMI-2

JJB/SWS/jep

CC: L. H. Barrett, Deputy Program Director - TMI Program Office
B. J. Snyder, Program Director - TMI Program Office
V. Stello, Director I & E