



NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

A-312

August 6, 1980

Office of Inspection and Enforcement
Region I
Attn: Mr. Boyce H. Grier, Director
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. Grier:

Re: Nine Mile Point Unit 2
Docket No. 50-410

Your I.E. Bulletin 79-03A, dated April 1, 1980, requested information regarding SA-312 or A-312, Type 300 Series fusion welded pipe for Nine Mile Point Unit 2. The following responds to your request:

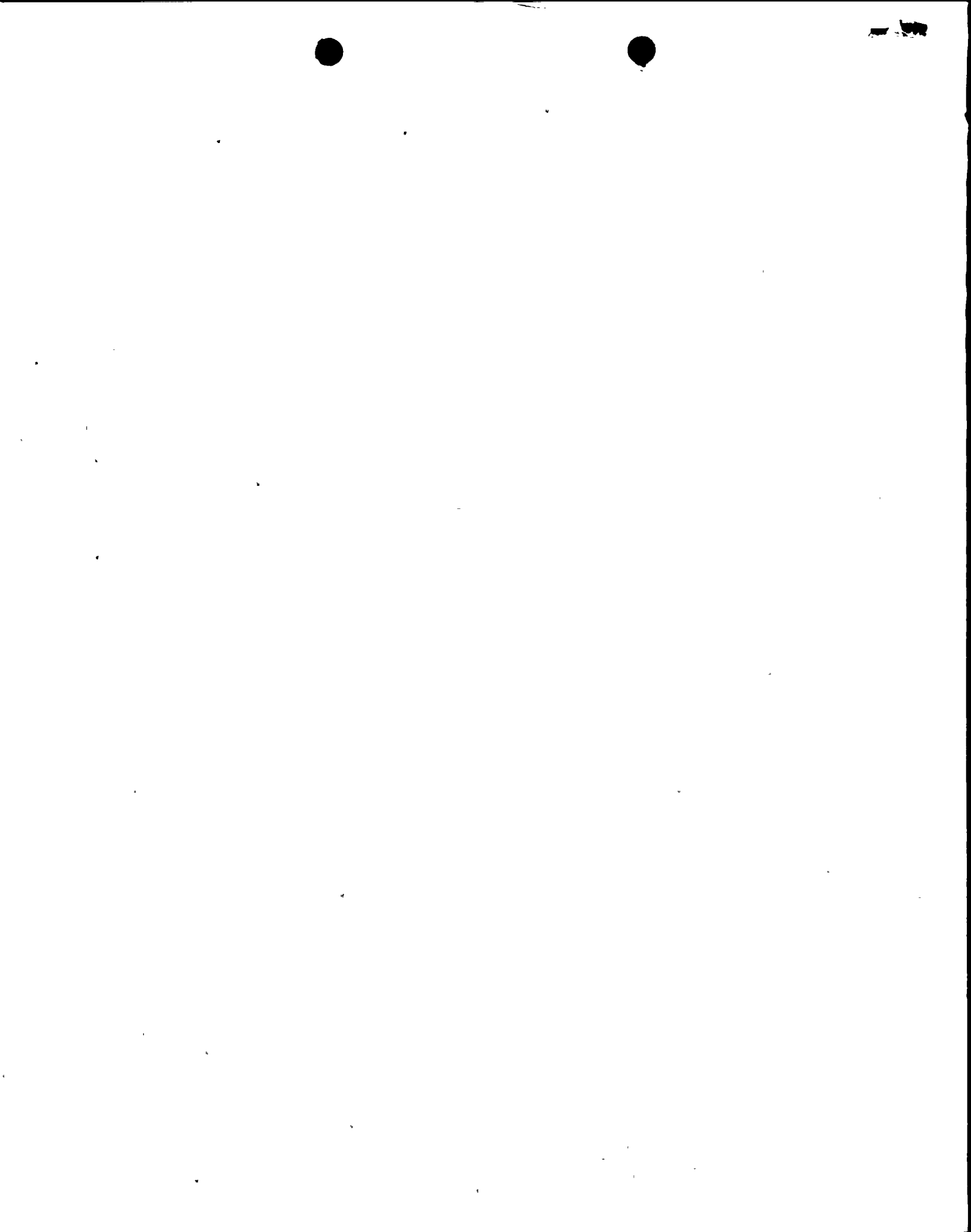
1. Determine whether SA-312 or A-312, Type 300 Series fusion welded pipe is in use or planned for use in safety-related systems subject to design stresses greater than 85% of the code allowable stresses. For the purpose of this check, the actual wall thickness of the piping products will be considered adequate if the code requirements for pressure design of the piping products are satisfied using 85% of the maximum allowable stresses at the design temperature.

Response

An analysis was performed for SA-312 and A-312, Type 300 Series fusion welded pipe planned for use in safety-related systems. The analysis determined that none of the identified piping would be subject to design stresses greater than 85% of the code allowable stresses.

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2. For those piping components using greater than 85% of the allowable stresses, identify the application of the piping including the system, pipe location, pipe size, pipe configuration (elbow, T), design pressure/temperature requirements and the manufacturer.

Response

No action is required based on the results of the analysis performed above for Item 1.

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 edged to determine if CLP exists. Identify the manufacturer and the degree of CLP as a percentage of the pipe wall thickness.

Response

As indicated in a letter dated April 24, 1980 from Mr. S. B. Jacobs of Stone & Webster Engineering Corporation to Mr. Boyce H. Grier of the Nuclear Regulatory Commission, this item is not required to be performed on material which meets the 85% of code allowable stress criterion. Therefore, no action is required on this item for Nine Mile Point Unit 2.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION



Gerald K. Rhode
Vice President
System Project Management

PEF/kmb

cc: Division of Reactor Construction Inspection
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

