

Thomas J. Martin  
Vice President  
Engineering and Construction

Public Service Electric and Gas Company 80 Park Place Newark, N.J. 07101 201/430-8316

July 3, 1979

Mr. Boyce H. Grier, Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Region 1  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Dear Mr. Grier:

NRC IE BULLETIN NO. 79-02 (REV. 1)  
PIPE SUPPORT BASE PLATE DESIGNS USING  
CONCRETE EXPANSION ANCHOR BOLTS  
NO. 1 AND 2 UNITS  
HOPE CREEK GENERATING STATION

In reply to IE Bulletin No. 79-02 (Revision No. 1) dated  
June 21, 1979, we offer the following preliminary response:

1. Review of the Hope Creek Generating Station design indicates that concrete expansion anchor bolts have been kept to a minimum by prior planning and by the use of embedded steel plates with shear lugs and studs.
2. To date, only twenty-four (24) expansion anchor bolt designs have been designated for use in Seismic Category I piping systems, however none have been installed pending the completion of the engineering review.
3. A re-analysis of base plate flexibility is being performed using a computer program that employs a concrete beam analogy method. This computer program was verified against the results of several finite element analyses.
4. Our AE advises that they are reviewing their Quality Control procedures to establish the correct documentation and installation program for expansion type anchor bolts.

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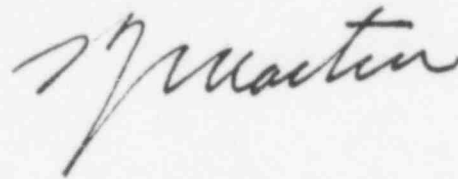
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Boyce H. Grier

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The above actions will be completed on or about July 20, 1979,  
at which time we will advise you of the results.

Very truly yours,

A handwritten signature in cursive script, appearing to read "J. Martin".

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

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