



Offshore Power Systems

Offshore Power Systems  
10000 Lakeside Drive, Suite 10216  
Houston, Texas 77043

July 24, 1979  
Plant Analysis and Licensing

July 9, 1979

Mr. Robert L. Baer, Chief  
Light Water Reactors Branch No. 2  
Division of Project Management  
U.S. Nuclear Regulatory Commission  
7920 Norfolk Avenue  
Bethesda, Md. 20852

Re: Docket No. STN 50-437; Pipe Support Baseplate  
Design Using Concrete Expansion Anchor Bolts

Dear Sir:

NRC counsel informed the Atomic Safety and Licensing Board on December 7, 1978 of certain problems experienced in connection with pipe support baseplate design. These problems have been further discussed in IE Bulletin 79-02. We have reviewed the information contained in the bulletin and believe that the criteria for the design of the steel embedments will prevent such problems occurring in the Offshore Power Systems facility. Our proposed criteria are identified below and are written in a format for incorporation in a future amendment to the PDR at the end of Paragraph 3.8.1.1.5.

"Design of steel embedments will be in accordance with Appendix B of ACI-349 (1979 Supplement). This Appendix was published as a proposed addition to the code in the ACI Journal, August 1978 and was adopted by ACI in July 1979. Design of the steel embedment will account for base plate flexibility. Load factors and capacity reduction factors will be those identified in ACI-349-76 as modified by Regulatory Guide 1.142 and Appendix B."

Very truly yours,

P. B. Haga, Director  
Plant Analysis and Licensing

/lel

CC: V. W. Campbell  
A. R. Collier

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SEE /O  
ADD 6 CR  
R BOSNAK  
J KNIGHT  
M HARTZMAN  
R KLESSSEL  
S SOHIANI  
E JORDAN

P. B. Haga  
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