

Docket No. 50-437

Mr. P. B. Haga, Director  
Power Systems Technology  
Offshore Power Systems  
Post Office Box 8000  
Jacksonville, Florida 32211

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MAR 19 1982



Dear Mr. Haga:

Subject: Licensing Requirements for Pending Construction Permit and Manufacturing License Applications - Application of the Final Rule to the Floating Nuclear Plant

The Commission issued its Final Rule on Licensing Requirements for Pending Construction Permit and Manufacturing License Applications on January 12, 1982 (Federal Register at pages 2286-2305 on Friday, January 15, 1982). The rule is effective as of February 16, 1982, and applicable to construction permit and manufacturing license applications pending on that date. The Final Rule includes some changes to the proposed requirements contained in NUREG-0718, "Licensing Requirements for Pending Applications for Construction Permits and Manufacturing License," dated March 1981 and NUREG-0718, Revision 1, dated June 1981.

The NRC staff review of Offshore Power Systems' (OPS) application for a license to manufacture Floating Nuclear Plants 1-8 was completed by issuance of Safety Evaluation Report, Supplement No. 4, NUREG-0054, in September 1981 and by testimony filed in the hearing December 4, 1981. We have compared the results of our review as reported in the Safety Evaluation Report, Supplement No. 4, with the Final Rule. We have concluded that your commitments and plans in the Plant Design Report (PDR) meet the requirements of the Final Rule except for the requirement called for by 50.34(f)(1)(xii), and we have so informed the Board. In order that OPS fulfill the requirement called for in the rule and in Supplement No. 4, the staff will condition the Manufacturing License. The condition calls for a comparison study of alternative hydrogen control systems, including cost-benefit considerations.

Enclosed for your information are copies of the referenced Federal Register notice and NUREG-0718, Revision 2.

OFFICE							
SURNAME							

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PDR ADOCK 05000437  
PDR

OFFICIAL RECORD COPY

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

Original signed by  
Robert L. Tedesco,

Robert L. Tedesco, Assistant Director  
for Licensing  
Division of Licensing

Enclosures:  
As stated

cc: See next page

\*NOTE: SEE PREVIOUS WHITE FOR CONCURRENCE

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SURNAME	*Mallory/hmc	*MDuncan	*WButler	*EAdensam	*RBlack	*RTedesco
DATE	2/11/82	2/11/82	2/15/82	2/17/82	3/12/82	3/18/82

Docket No. 50-437

Mr. P. B. Haga, Director  
Power Systems Technology  
Offshore Power Systems  
Post Office Box 8000  
Jacksonville, Florida 32211

Dear Mr. Haga:

Subject: Licensing Requirements for Pending Construction Permit and  
Manufacturing License Applications - Application of the  
Final Rule to the Floating Nuclear Plant

The Commission issued its Final Rule on Licensing Requirements for Pending Construction Permit and Manufacturing License Applications on January 12, 1982 (Federal Register at pages 2286-2305 on Friday, January 15, 1982). The rule will be effective on February 16, 1982, and applicable to construction permit and manufacturing license applications pending on that date. The Final Rule includes some changes to the proposed requirements contained in NUREG-0718, "Licensing Requirements for Pending Applications for Construction Permits and Manufacturing License," dated March 1981 and NUREG-0718, Revision 1, dated June 1981.

The NRC staff review of Offshore Power Systems' (OFS) application for a license to manufacture Floating Nuclear Plants 1-8 was completed by issuance of Safety Evaluation Report, Supplement No. 4, NUREG-0054, in September 1981 and by testimony filed in the hearing December 4, 1981. We have compared the results of our review as reported in the Safety Evaluation Report, Supplement No. 4, with the portions of the Final Rule that have been changed from the proposed requirements of NUREG-0718, Revision 1. We have concluded that your commitments and plans in the Plant Design Report (PDR) meet the requirements of the Final Rule except for the requirement called for by 50.34(f)(1)(xii), and we have so informed the Board. This part of the Final Rule calls for an "evaluation of alternative hydrogen control systems that would satisfy the requirements of paragraph (f)(2)(ix) of this section." We request that you review the rule and how it applies to your application, and update the PDR to include a provision to meet the requirement of 50.34(f)(1)(xii). (Note that the evaluation study is to be completed within two years after granting a ML.) The provision to meet the requirements should be by amendment to the PDR. Due to the late stage in this license application, the amendment should be forwarded before March 30, 1982. This will allow time for the NRC staff review to the amendment and inform the Hearing Board of its evaluation.

Enclosed for your information are copies of the referenced Federal Register notice and NUREG-0718, Revision 2.

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Mr. P. B. Haga

- 2 -

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Please advise us by February 23, 1982, if your review results in identification of a need for any clarifying changes in your application.

Sincerely,

Robert L. Tedesco, Assistant Director  
for Licensing  
Division of Licensing

Enclosures:  
As stated

cc: See next page

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FNP

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Mr. A. R. Collier

- 2 -

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