

SAFETY EVALUATION BY THE  
OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 3  
TO LICENSE NPF-12  
SOUTH CAROLINA ELECTRIC & GAS COMPANY  
SOUTH CAROLINA PUBLIC SERVICE AUTHORITY

INTRODUCTION

By letter, dated October 19, 1982, the South Carolina Electric & Gas Company (SCE&G) requested a change to the Technical Specifications to provide for a tolerance on the hydrogen content of the sample gas used in the calibration of the containment hydrogen monitors.

EVALUATION

The surveillance requirements for containment hydrogen monitors on page 3/4 6-21 require in part the conduct of a periodic channel calibration of the containment hydrogen monitors using sample gas containing 19.8 volume percent hydrogen with the balance nitrogen. The licensee in its letter of October 19, 1982 requested that this surveillance requirement be changed to 19.8 + 0.1 volume percent hydrogen, balance nitrogen to provide acceptable tolerances to be used in the procurement of the sample gases used for calibration of the instruments.

We have reviewed the above change and conclude that it is administrative in nature and consistent with the basis for our approval of the design of the containment hydrogen monitors during the operating license stage of review.

ENVIRONMENTAL CONSIDERATION

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR Section 51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a

OFFICE							
SURNAME	8211060441	821020					
DATE	PDR	ADOCK	05000395				
	P		PDR				

significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

DATE: OCT 20 1982

OFFICE ▶	DL:LB#1	DL:LB#1					
SURNAME ▶	W Kane, Jg	B J Youngblood					
DATE ▶	10/19/82	10/21/82					