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Mr. J. T. Beckham, Jr.
 Vice President-Nuclear Generation
 Georgia Power Company
 P. O. Box 4545
 Atlanta, Georgia 30302

Dear Mr. Beckham:

We have completed our review of NUREG-0737 Item II.K.3.24, "Confirm Adequacy of Space Cooling for HPCI and RCIC Systems", for Hatch Plant Units 1 and 2. We conclude, based on the enclosed Safety Evaluation, that the design of the HPCI and RCIC support systems, including space coolers, is adequate to sustain a complete loss of offsite power for two hours, thus satisfying the safety objective for Item II.K.3.24 at your station.

Sincerely,

*ORIGINAL SIGNED BY
 JOHN F. STOLZ*

John F. Stolz, Chief
 Operating Reactors Branch #4
 Division of Licensing

Enclosure:
 Safety Evaluation

cc w/enclosure:
 See next page

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OFFICE	ORB#4:DLMBJ	ORB#5:DL	C-ORB#4:DL			
SURNAME	MFairtile/cb	REmch RKE	JStolz			
DATE	8/20/82	8/24/82	8/24/82			

Hatch 1/2
Georgia Power Company

50-321/366

cc w/enclosure(s):

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ENCLOSURE
SAFETY EVALUATION REPORT
EDWIN I. HATCH NUCLEAR PLANT, UNITS 1 AND 2

STAFF POSITION

II.K.3.24 (NUREG-0737) Confirm Adequacy of Space Cooling for High-Pressure Coolant Injection (HPCI) and Reactor Core Isolation Cooling (RCIC) Systems

Long term operation of the reactor core isolation cooling (RCIC) and high pressure coolant injection (HPCI) systems may require space cooling to maintain the pump-room temperatures within allowable limits. Licensees should verify the acceptability of the consequences of a complete loss of alternating current (AC) power. The RCIC and HPCI systems should be designed to withstand a complete loss of offsite AC power to their support systems, including coolers for at least two hours.

EVALUATION

By letter dated December 31, 1981, the licensee stated that the RCIC and HPCI space cooling systems are powered from the onsite emergency diesel generators on loss of offsite power. In response to the staff's question, the licensee confirmed in a telephone conversation on August 13, 1982 that the support systems including coolers are also powered from the emergency diesel generators. Therefore, continuous power would be available for the space coolers and support systems following a complete loss of offsite AC power. Since the HPCI and RCIC systems for the Hatch Nuclear Plant, Units 1 and 2, including their support systems and space coolers, will not be affected by a loss of offsite power, we conclude that the requirements of TMI Task Action Plan NUREG-0737, Item II.K.3.24 are satisfied.