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Dockets Nos. 50-321
and 50-366

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

Dear Mr. Beckham:

By letter dated February 17, 1982, you requested our approval of a design change at Hatch Units 1 and 2, involving a device to override the interlock mechanism between the inner and outer drywell airlock doors. Currently the interlock prevents more than one airlock door at a time from being open. However, two workers were trapped inside the airlock due to a malfunction of the interlock mechanism. As a result of a possible future malfunction, the health and safety of plant personnel may be threatened; consequently, you requested this approval.

The proposed change consists of an electrically energized clutch, inserted in the interlock mechanism, which serves to override the interlock when the clutch is energized. In addition, break-glass stations will be provided inside the drywell and inside the airlock to override the interlock on the inner and outer doors respectively. There will also be a key controlled selector switch outside the drywell. An alarm will be provided in the Control Room when both doors are unlatched simultaneously.

Based on our review of your proposed change which included a site visit by the Hatch Project Manager, discussions with GPC plant and engineering personnel, and discussions with the NRC Resident Inspector and NRC Region II, we conclude your change, as described in your February 17, 1982 letter is acceptable. However, due to the very slight risk inherent in the new design, of both doors possibly being open at the same time, we request that in order to compensate for this risk that procedures be prepared so that in the event of the interlock override being used that plant personnel verify that both doors are latched shut before the interlocks are restored to the deenergized state. Secondly, your letter of February 17, 1982 stated that access to the drywell is limited to three times per year and only at 10% power or less, with a maximum allowable time of 30 minutes per visit; this mode of operation similarly reduces the risk of both

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doors being open at the same time. This statement, from the February 17 letter, should also be included in procedures for each Unit.

Sincerely,

*ORIGINAL SIGNED BY
JOHN F. STOLZ*

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

cc:
See next page

*See previous NRC 318 for concurrence

OFFICE	ORB#4:DL #B7	C-ORB#4:DL	AD-OR:DL				
SURNAME	MFairtile/cb	JStolz	TNovak*				
DATE	4/8/82	4/ /82	4/2/82				

drywell (i.e., LOCA, fire, etc.) would not pose a threat to the health and safety of the public, prior to opening the outer door.

Sincerely,

Thomas M. Novak, Assistant Director
for Operating Reactors
Division of Licensing

cc:
See next page

MBF

OFFICE	ORB#4:DL	C-ORB#4:DL	AD-OR:DL				
SURNAME	MFairtile	JStolz	TNovak				
DATE	3/31/82:cb	4/3/82	4/ /82				

cc w/enclosure(s):

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