

DCD-016

NOV 22 1982

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Docket Nos. 50-325
and 50-324

Mr. E. E. Utley
Executive Vice President
Carolina Power & Light Company
P. O. Box 1551
Raleigh, North Carolina 27602

Dear Mr. Utley:

Subject: NUREG-0737 Action Item II.F.1.3 "Containment High Range Monitor"

Re: Brunswick Steam Electric Plant, Units 1 and 2

We have reviewed your submittals dated June 30, 1981 and August 4, 1982 which pertain to the subject action item for your facility. Based upon this review, we conclude that your high range monitors meet the criteria of NUREG-0737 and that your proposed calibration procedures are acceptable. Thus, we consider the subject item complete for your facility. Our Safety Evaluation is enclosed.

Sincerely,

"ORIGINAL SIGNED BY:"

Domenic B. Vassallo, Chief
Operating Reactors Branch #2
Division of Licensing

Enclosure:
Safety Evaluation

cc w/enclosure:
See next page

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OFFICE	ORB#2:DL	ORB#2:DL	C-ORB#2:DL	ORB#4:DL			
SURNAME	SNorris	JVan Vliet	DVassallo	M. Fairlie			
DATE	11/18/82	11/18/82:cb	11/19/82	11/19/82			

Mr. E. E. Utley
Carolina Power & Light Company

cc:

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Safety Evaluation
Item II.F.1.3, NUREG-0737
"Containment High-Range Radiation Monitor"

Brunswick Steam Electric Plant, Units 1 and 2
Carolina Power and Light Company
Docket No. 50-325/324

Position

In-containment radiation level monitors with a maximum range of 10^7 rad/hr shall be installed. A minimum of two such monitors that are physically separated shall be provided. Monitors shall be developed and qualified to function in an accident environment.

Discussion and Conclusion

Carolina Power and Light Company by letter dated June 30, 1981 committed to installing high-range gamma monitors at Brunswick Steam Electric Plant, Units 1 and 2. These high-range monitors meet the criteria of Table II.F.1.3 of NUREG-0737 with the exception that the licensee proposes to perform the source calibration of the instruments in the plant's test lab rather than in the installed location.

Carolina Power and Light Company will use the instrument's electronic check source (ECS) to ensure that the entire channel is functioning accurately after the instrument is re-installed following calibration in the test facility. We have evaluated the licensee's proposed calibration procedures and find them acceptable.

Dated: **NOV 22 1982**