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Georgia Power

the southern electric system

NED-84-058

February 6, 1984

U. S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region II - Suite 2900  
101 Marietta Street, NW  
Atlanta, Georgia 30303

REFERENCE:  
RII: JPO  
50-321/50-366  
IER 321/83-32  
366/83-34

ATTENTION: Mr. James P. O'Reilly

Gentlemen:

The following information is submitted in response to Inspection Report 50-321/83-32 and 50-366/83-34 special safety inspection conducted by Mr. J. R. Wray.

DEVIATION:

NUREG 0737, Item II.F.1, Attachment 3, "Containment High-Range Radiation Monitor", specifies in Table II.F.1-3 that in situ, electronic calibration is required for all range decades above 10 R/hr. In situ calibration for at least one decade below 10 R/hr shall be by means of calibrated radiation source. Furthermore, instrument linearity through all scales up to  $1 \text{ E}+6$  R/hr must be assured by type testing at sufficient points.

Contrary to the above, on November 17, 1983, the two High-Range Primary Containment (Drywell) Radiation Monitors for each unit were found not adequately calibrated by electronic signal substitution through each decade up to  $1 \text{ E}+7$  R/hr; nor had linearity been assured through all scales up to  $1 \text{ E}+6$  R/hr at sufficient test points.

RESPONSE:

Corrective Actions Taken:

Procedure revisions addressing this item have been drafted and are undergoing the review and approval process.

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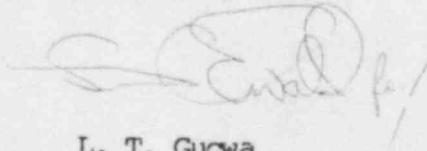
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Corrective Actions That Will Be Taken to Avoid Further Deviations:

Plant procedures HNP-1 and 2 - 5362, "Victoreen Model 876 Electronic Adjustment" will be revised to require a calibration of High Range Primary Containment (Drywell) Radiation Monitors in accordance with NUREG 0737, Item II.F.1, Attachment 3. In addition, these procedures will include a revised calibration frequency of 18 months. Revised procedures will be issued by March 13, 1984. After procedure revisions are issued, the affected radiation monitoring instruments will be recalibrated.

If you have any questions or comments please contact this office.

Very Truly Yours,



L. T. Guwa

MJB

xc: H. C. Nix, Jr.  
Senior Resident Inspector