POWER BUILDING
SOUTH CHURCH STREET, CHARLOTTE

REACTOR FACILITIES BRANCH

FILE COPY

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

TELEPHONE: AREA 704
373-4083

September 18, 1975

Mr. Norman C. Moseley, Director
U. S. Nuclear Regulatory Commission
Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303

Re: IE:II:TNE
50-269/75-1
50-270/75-1
50-287/75-1

Dear Mr. Moseley:

My letter of August 1, 1975 provided a summary of the resolution of problems associated with the process radiation monitors at the Oconee Nuclear Station. It was reported that although good, consistent correlation between the particulate monitors RIA-43 and RIA-47 and laboratory samples has not been possible, the monitors have been shown to be reliable and capable of early detection of changing particulate activity. The correlation has not been possible due to the presence of high energy, beta-emitting, short half-lived materials, such as Rubidium-88, which affect the particulate monitor but decay before the laboratory analysis can be completed.

Presently, grab samples of the unit vent are only taken to establish the absolute level of activity corresponding to the count rate indicated on the particulate monitors. If the indicated count rate changes, new grab samples are taken to establish the new level of activity. Thus, even though correlation is not possible on a continuous basis, the particulate monitor is operable and provides reliable, qualitative indication of changing particulate activity. It is considered that the requirements of Technical Specification 3.10.7 are and will continue to be met. Therefore, it is considered that this item be closed.

Very truly yours,

William O. Parker Jr.

William O. Parker, Jr. by WaH

MST:vr

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