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50-269/270/287

REC: CASE E G  
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DOCDATE: 01/23/78  
DATE RCVD: 01/31/78

DOCTYPE: LETTER NOTARIZED: NO

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SUBJECT:  
ADVISING OF APPLICANT'S PREPARATION OF REPT THAT WILL ASSESS THE RECENT  
SEISMIC ACTIVITY IN THE JOCASSEE/KEOWEE AREA, TO BE SUBMITTED IN MARCH OF  
1978.

PLANT NAME: OCONEE - UNIT 1  
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op4

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B-03126

DUKE POWER COMPANY

POWER BUILDING

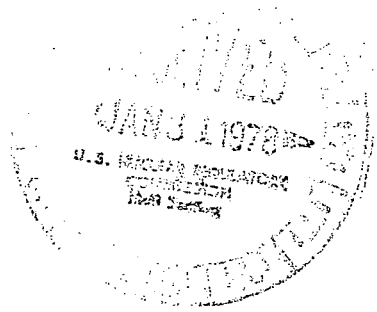
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

January 23, 1978

WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

TELEPHONE: AREA 704  
373-4083

Mr. E. G. Case, Acting Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555



RE: Oconee Nuclear Station  
Docket No. 50-269, -270, -287

Dear Mr. Case:

In recent weeks there has been a general increase of seismic activity in the Jocassee/Keowee area. Since initial detection, the number of microearthquake events along with maximum local magnitude and hypocentral locations have been reported to you daily. Portable seismic instruments have been located in the area since January 2, 1978.

The daily reports of these events as well as local seismic monitoring will continue as long as the seismic activity continues at a significant level.

Duke Power Company is currently preparing a report that will assess the recent activity in this area. It is anticipated that the report will be submitted in March 1978 and will include to the extent feasible the following:

- a) a catalog of hypocentral locations and composite focal plane solutions,
- b) a determination of any potential relationships between microearthquake activity and significant geologic structures.

Very truly yours,

William O. Parker, Jr.

RLG:ge

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