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 FACIL:50-269 Oconee Nuclear Station, Unit 1, Duke Power Co. 05000269
 50-270 Oconee Nuclear Station, Unit 2, Duke Power Co. 05000270
 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co. 05000287
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 PARKER,W.O. Duke Power Co.
 RECIP.NAME: RECIPIENT AFFILIATION
 DENTON,H.R. Office of Nuclear Reactor Regulation
 BUDNITZ,R.J. Office of Nuclear Regulatory Research

SUBJECT: Advises that util has committed to developing comprehensive probabilistic risk assessment study of one unit, supported by Nuclear Safety Analysis Ctr. Results of study will be made available to NRC,B&W & other utils.

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 TITLE: Resp to Lesson Learn Task Force - B&W and 50-409

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DUKE POWER COMPANY

POWER BUILDING

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WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

May 23, 1980

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Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dr. Robert J. Budnitz, Director
Office of Nuclear Reactor Research
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Re: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287

Gentlemen:

Since the accident at Three Mile Island, the nuclear industry has undertaken a number of initiatives, with which you are already familiar, aimed at further improvements in nuclear power plant safety. It is Duke Power Company's policy to support such initiatives.

In this regard, we wish to inform you that we have committed to develop a comprehensive probabilistic risk assessment (PRA) study of one of the Oconee units. This study is being initiated jointly with the Nuclear Safety Analysis Center.

This project will be managed for us by the Nuclear Safety Analysis Center and performed by a team consisting of about ten people including lead engineers from Design Engineering and Production in Duke Power, approximately five contractor personnel skilled in the use of PRA methods, NSAC personnel, and invited participants from several other utilities which have reactors similar to Oconee. Work will commence in June, 1980 and will be largely completed in one year. About fifteen (15) engineering man-years will be invested in the study.

We understand from discussion with Mr. Robert Bernero and Dr. Frank Rowsome of NRC staff that the IREP study originally budgeted for Oconee may now be applied to another reactor, permitting extension of IREP coverage. This study should be complementary to the IREP studies being carried on by NRC, and the results will, of course, be made available to NRC, B&W, and other utilities.

We expect that the Oconee PRA study team will interact periodically with the NRC and contractor personnel involved in the IREP program in order to exchange

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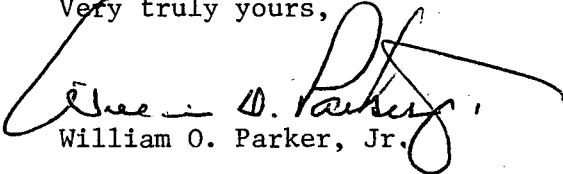
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Mr. Harold R. Denton, Director
May 23, 1980
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Mr. Robert J. Budnitz, Director

information on PRA methods being used in their respective studies. Please feel free to contact me or Dr. E. L. Zebroski, Director of NSAC, if you have any questions regarding our study of Ocone.

Very truly yours,



William O. Parker, Jr.

SRL/sch

cc: Mr. R. M. Bernero, Director
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U.S. Nuclear Regulatory Commission
Washington, DC 20555

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