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AUTH. NAME: AUTHOR AFFILIATION  
 PARKER, W.O. Duke Power Co.  
 RECIP. NAME: RECIPIENT AFFILIATION  
 EISENHUT, D.G. Division of Licensing

SUBJECT: Forwards list re equipment which will undergo environ-  
 qualification tests, to be conducted within next two yrs, in  
 response to NRC 801001 request.

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# DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

TELEPHONE: AREA 704  
373-4083

October 31, 1980

Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Subject: Environmental Qualification of Safety-Related Equipment  
Environmental Qualification Testing Dates  
NRC Request for Information

Reference: Darrell G. Eisenhut Letter of October 1, 1980

Dear Mr. Eisenhut:

Per your request, Duke Power Company is providing the list of equipment which will undergo environmental qualification tests to be conducted within the next two years on equipment used or to be used in Duke Power facilities.

Very truly yours,

*William O. Parker, Jr.*  
William O. Parker, Jr.

RFJ:vr

*As 1/1*

*P*

801104,481

# ENVIRONMENTAL QUALIFICATION OF SAFETY-RELATED EQUIPMENT

## NON-HARSH ENVIRONMENTS

ITEM NO.	EQUIPMENT DESCRIPTION	UNIT/SYSTEM	TEST LOCATION/SCHEDULE	COGNIZANT LICENSEE CONTACT
1	Connectors Pyle National-Neptune Mod. I	Catawba Units 1 & 2 System: Battery Test Set	Duke Power Company Environmental Test Group Charlotte, N. C.  SCHEDULE: Next Test 01/81	NA Rutherford <div></div>
2	480V Load Centers (Low Voltage Switchgear) Siemens-Allis	Cherokee Units 1,2,&3 Perkins Units 1,2,&3 System: 480 VAC Class 1E Aux Power	Wyle Labs At Huntsville, Ala.  SCHEDULE: Not Available - Expected within next two years.	NA Rutherford <div></div>
3	4KV Switchgear Gould-Brown Boveri	Cherokee Units 1,2,&3 Perkins Units 1,2, &3 System: 4.16KV Class 1E Aux Power	Gould-Brown Boveri Facilities and Wyle Labs of Huntsville  SCHEDULE: Not Available - Expected within next two years	NA Rutherford <div></div>
4	Solid State Interlock Logic Forney Engineering	Cherokee Units 1,2,&3 Perkins Units 1, 2,&3 System: Various	Forney Engineering and Wyle Labs at Hunstville  SCHEDULE: On Going	NA Rutherford <div></div>

ENVIRONMENTAL QUALIFICATION OF SAFETY-RELATED EQUIPMENT

HARSH ENVIRONMENT RESULTING FROM ACCIDENTS

ITEM NO.	EQUIPMENT DESCRIPTION	UNIT/SYSTEM	TEST LOCATION/SCHEDULE	COGNIZANT LICENSEE CONTACT
1	Electrical Penetration Assemblies D. G. O'Brien, Inc.	Oconee Units 1,2,&3 System: Various	D. G. O'Brien, Inc. Seabrook, N.H. and Other Test Laboratories Designated by D.G. O'Brien, Inc.  SCHEDULE: 11/80 - 4/81	NA Rutherford <div></div>
2	Electrical Penetration Assemblies D.G. O'Brien, Inc.	Catawba Units 1 & 2 System: Various	Verification Test by NRC  SCHEDULE: NOT AVAILABLE	NA Rutherford <div></div>