

50-269/270/287

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

TO: NRC	FROM: Duke Power Company Charlotte, N.C. 28242 Wm. O. Parker, Jr.	DATE OF DOCUMENT 7-18-77
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DESCRIPTION Ltr notarized 7-18-77 trans the following: 2P

**DO NOT REMOVE**

**ACKNOWLEDGED**

PLANT NAME: Oconee Units 1-2-3

DHL 7-25-77

ENCLOSURE License No. DPR-38,47 & 55 Appl for Amend: tech specs proposed change concerning surveillance & testing requirements for safety related hydraulic shock suppressors. (40 cys encl rec'd) 12P

**40 encl.**

SAFETY	FOR ACTION/INFORMATION	ENVIRONMENTAL
ASSIGNED AD:		ASSIGNED AD: V. MOORE (LTR)
BRANCH CHIEF: (7) <b>SCHWONCE</b>		BRANCH CHIEF:
PROJECT MANAGER:		PROJECT MANAGER:
LICENSING ASSISTANT:		LICENSING ASSISTANT:
		B. HARLESS

INTERNAL DISTRIBUTION			
<input checked="" type="checkbox"/> REG FILES	SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY & ENVIRON ANALYSIS
<input checked="" type="checkbox"/> NRC PDR	HEINEMAN	TEDESCO	DENTON & MULLER
<input checked="" type="checkbox"/> T & E (21)	SCHROEDER	BENAROYA	CRUTCHFIELD
<input checked="" type="checkbox"/> OELD		LAINAS	
<input checked="" type="checkbox"/> GOSSICK & STAFF	ENGINEERING	IPPOLITO	
<input checked="" type="checkbox"/> HANAHER	KNIGHT	F. ROSA	ENVIRO TECH.
<input checked="" type="checkbox"/> MTPC	BOSNAK		ERNST
<input checked="" type="checkbox"/> CASE	SIHWELL	OPERATING REACTORS	BALLARD
<input checked="" type="checkbox"/> BOYD	PAWLICKI	STELLO	YOUNGBLOOD
		EISENHUT	
PROJECT MANAGEMENT	REACTOR SAFETY	SHAO	SITE TECH.
SKOVHOLT	ROSS	BAER	
P. COLLINS	NOVAK	BUTLER	GAMMILL (2)
HOUSTON	ROSZTOCZY	GRIMES	
MELTZ	CHECK		SITE ANALYSIS
HELTEMES			VOLLMER
SK	AT&I		BUNCH
	SALTZMAN		J. COLLINS
	RUTBERG		KREGER

EXTERNAL DISTRIBUTION	CONTROL NUMBER
<input checked="" type="checkbox"/> LPDR: <b>WABHALLA SL</b>	<b>772060081</b>
<input checked="" type="checkbox"/> TIC NSIC	
<input checked="" type="checkbox"/> NAT LAB	
<input checked="" type="checkbox"/> REG IV (J. HANCHETT)	
<input checked="" type="checkbox"/> 16 CYS ACRS SENT CATEGORY <b>B</b>	

**B**

DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

July 18, 1977

TELEPHONE: AREA 704  
373-4083

Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555



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

Dear Sir:

Regulatory

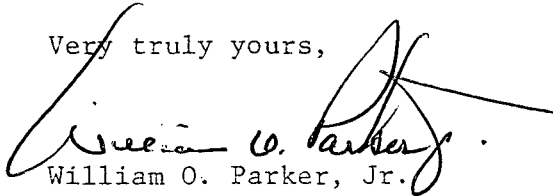
File. Cy.

Your letter of October 13, 1976 issued Amendment Nos. 33, 33, and 30 to License Nos. DPR-38, -47, and -55 for Oconee Nuclear Station Units 1, 2, and 3. These amendments established surveillance and testing requirements for safety-related hydraulic shock suppressors.

Subsequent review of this technical specification has determined that certain revisions to these requirements are necessary to enhance personnel safety and correct inadvertent omissions from this amendment. Also, certain safety-related shock suppressors have been added or their status changed due to station modifications.

Therefore, pursuant to the provisions of 10CFR50.90, a revision to the Oconee Nuclear Station Technical Specifications is requested which will update the status of safety-related shock suppressors at Oconee Nuclear Station. These revisions are indicated by vertical lines in the margin of the attached Technical Specification replacement pages.

Very truly yours,

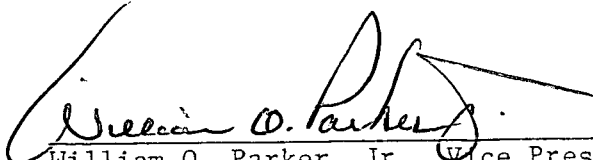
  
William O. Parker, Jr.

LJB:vr

Attachment

772060081

WILLIAM O. PARKER, JR., being duly sworn, states that he is Vice President of Duke Power Company; that he is authorized on the part of said Company to sign and file with the Nuclear Regulatory Commission this request for amendment of the Oconee Nuclear Station Facility Operating Licenses DPR-38, DPR-47, and DPR-55; and that all statements and matters set forth therein are true and correct to the best of his knowledge.

  
\_\_\_\_\_  
William O. Parker, Jr., Vice President

Subscribed and sworn to before me this 18th day of July, 1977.

  
\_\_\_\_\_  
Notary Public

My Commission Expires:

Feb. 15, 1982

TABLE 4.18-1  
Unit 1 Safety Related Shock Suppressors (Snubbers)

<u>Sketch/Hanger No.</u>	<u>System</u>	<u>Suppressor Especially Difficult To Remove</u>	<u>Suppressor Inaccessible During Normal Operation</u>	<u>Suppressor in High Radiation Area During Shutdown*</u>	
1-124	Main Steam Line (01A)		X		
1-125(A&B)			X		
1-127					
1-128					
1-129					
1-130			X		
1-132(A,B,C,D)				X	
1-134					
1-135					
1-147					
1-149(A&B)				X	
1-151					
1-152					
H 11A				X	
H 12A			X		
H 10B			X		
H 11B			X		
1-941	Main Steam Bypass to Condenser (01A-1)				
1-944					
1-945					
1-3135	Main Steam Supply to Auxiliary Equipment (01A-3)				
1-1305	Main Steam Supply to Emergency Feedwater Pump Turbine (01A-4)				
1-1310					
1-1315					
H 7B	Main Feedwater Line (03)		X		
H 10A			X		

4.18-3

TABLE 4.18-1

## Unit 1 Safety Related Shock Suppressors (Snubbers)

<u>Sketch/Hanger No.</u>	<u>System</u>	<u>Suppressor Especially Difficult To Remove</u>	<u>Suppressor Inaccessible During Normal Operation</u>	<u>Suppressor in High Radiation Area During Shutdown*</u>	
1-1289	Emergency Feedwater Line (03A)				
1-1292					
1-1293					
1-1294					
1-1295					
1-1296					
1-1297					
1-1298					
1-1299					
1-5600					
1-5601					
1-5602			X		X
1-5603			X		X
1-5604					
1-5605					
1-5606					
H 7B			X		
1-4100	Reactor Coolant System (50)				
1-4102				X	
1-4104				X	
1-4105				X	
1-4107				X	
1-4109				X	
1-4111				X	
1-4112				X	
1-4113				X	
1-4115				X	
1-4116				X	
1-4117				X	
H 1				X	
H 3				X	
H 4			X		
H 5			X		

TABLE 4.18-1  
Unit 1 Safety Related Shock Suppressors (Snubbers)

<u>Sketch/Hanger No.</u>	<u>System</u>	<u>Suppressor Especially Difficult To Remove</u>	<u>Suppressor Inaccessible During Normal Operation</u>	<u>Suppressor in High Radiation Area During Shutdown*</u>
H 7	Reactor Coolant System (50) (Continued)		X	
H 8			X	
H 9			X	
H 10			X	
H 11			X	
H 12			X	
H 1A			X	
H 2A			X	
H 3A			X	
H 17A		High Pressure Injection System (51)		X
H 1E			X	
H 5 (A&B)	Low Pressure Injection System (53)		X	
H 40C			X	
H 41C			X	
1-2139	Reactor Building Spray System (54)			
1-2149				
H 9A			X	
H 9B			X	
H 5	Pressurizer Relief Valve Discharge (57)		X	
H 6			X	
H 9			X	
H 10			X	
H 11			X	
H 14			X	
H 15			X	
H 17			X	
H 18			X	
H 22			X	
H 26			X	
H 27			X	

4.18-5

TABLE 4.18-1  
Unit 2 Safety Related Shock Suppressors (Snubbers)

<u>Sketch/Hanger No.</u>	<u>System</u>	Suppressor Especially Difficult To Remove	Suppressor Inaccessible During Normal Operation	Suppressor in High Radiation Area During Shutdown*	
2-124	Main Steam Line (01A)		X		
2-125 (A&B)			X		
2-127					
2-128					
2-129					
2-130					
2-132 (A,B,C,D)				X	
2-134					
2-135					
2-147					
2-149 (A&B)				X	
2-151					
2-152					
H 2A				X	
H 8A			X		
H 2B			X		
H 8B			X		
2-941	Main Steam Bypass to Condenser (01A-1)				
2-944					
2-945					
2-3135	Main Steam Supply to Auxiliary Equipment (01A-3)				
2-1309	Main Steam Supply to Emergency Feedwater Pump Turbine (01A-4)				
2-1322					
2-1323					
2-1324					
2-1326					
2-1327					
2-1329					
2-1333					

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TABLE 4.18-1  
Unit 2 Safety Related Shock Suppressors (Snubbers)

<u>Sketch/Hanger No.</u>	<u>System</u>	<u>Suppressor Especially Difficult To Remove</u>	<u>Suppressor Inaccessible During Normal Operation</u>	<u>Suppressor in High Radiation Area During Shutdown*</u>
H 7A	Main Feedwater Line (03)		X	
H 6B			X	
2-1289	Emergency Feedwater Line (03A)			
2-5656				
2-5663				
2-5685				
2-5691				
H 1A	Reactor Coolant System (50)		X	
H 3A			X	
H 1B			X	
2-4100			X	
2-4105			X	
2-4107			X	
2-4109			X	
2-4111			X	
2-4112			X	
2-4113			X	
2-4114		X		
2-4115		X		
2-4117		X		
2-4119		X		
2-4120		X		
H 1			X	
H 3			X	
H 4			X	
H 5			X	
H 7			X	
H 8			X	
H 9			X	

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## Unit 2 Safety Related Shock Suppressors (Snubbers)

Sketch/Hanger No.	System	Suppressor Especially Difficult To Remove	Suppressor Inaccessible During Normal Operation	Suppressor in High Radiation Area During Shutdown*
H 10	Reactor Coolant System (50) (Continued)		X	
H 11			X	
H 12			X	
H 1A			X	
H 2A			X	
H 3A			X	
2-4482	High Pressure Injection System (51)			
H 2A			X	
H 1E			X	
2-2086	Low Pressure Injection (53)			
2-2089				
2-4206				
H 3			X	
H 1 C			X	
2-2139	Reactor Building Spray System (54)			
2-2149				
2-2172				
2-2174				
H 9A			X	
H 9B			X	
H 9	Spent Fuel Cooling (56)		X	
H 10			X	

## Unit 2 Safety Related Shock Suppressors (Snubbers)

<u>Sketch/Hanger No.</u>	<u>System</u>	Suppressor Especially Difficult To Remove	Suppressor Inaccessible During Normal Operation	Suppressor in High Radiation Area During Shutdown*
H 7	Pressurizer Relief Valve Discharge (57)		X	
H 9			X	
H 12			X	
H 13			X	
H 15			X	
H 16			X	
H 17			X	
H 20			X	
H 21			X	
H 23			X	
H 25			X	
H 26		X		

TABLE 4.18-1  
Unit 3 Safety Related Shock Suppressors (Snubbers)

<u>Sketch/Hanger No.</u>	<u>System</u>	<u>Suppressor Especially Difficult To Remove</u>	<u>Suppressor Inaccessible During Normal Operation</u>	<u>Suppressor in High Radiation Area During Shutdown*</u>	
3-124	Main Steam Line (01A)		X		
3-125 (A&B)			X		
3-126					
3-128					
3-129					
3-130			X		
3-131				X	
3-132 (A,B,C,D)				X	
3-133					
3-135					
3-147 (A&B)					
3-149					
H 2A				X	
H 8A				X	
H 2B			X		
H 8B			X		
3-956	Main Steam Bypass to Condenser (01A-1)				
3-957					
3-959					
3-960					
3-3109	Main Steam Supply to Auxiliary Equipment (01A-3)				
3-1311	Main Steam Supply to Emergency Feedwater Pump Turbine (01A-4)				
3-1312					
3-1314					
3-1316					
3-1317					
3-1318					
3-1319					
3-1320					

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TABLE 4.18-1  
Unit 3 Safety Related Shock Suppressors (Snubbers)

Sketch/Hanger No.	System	Suppressor Especially Difficult To Remove	Suppressor Inaccessible During Normal Operation	Suppressor in High Radiation Area During Shutdown*
H 7A	Main Feedwater Line (03)		X	
H 6B			X	
H 40A			X	
H 4B			X	
3-1274	Emergency Feedwater Line (03A)			
3-1379				
3-1280				
3-5606				
3-5624				
3-5628				
H 1A			X	
H 11	OTSG Recirculation System (04)		X	
H 46			X	
H 50			X	
H 52			X	
3-4100	Reactor Coolant System (50)		X	
3-4105			X	
3-4107			X	
3-4109			X	
3-4111			X	
3-4112			X	
3-4113			X	
3-4114			X	
3-4115			X	
3-4117			X	
3-4119			X	
3-4120			X	
H 1			X	
H 3			X	

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(continued)

TABLE 4.18-1  
 Unit 3 Safety Related Shock Suppressors (Snubbers)

<u>Sketch/Hanger No.</u>	<u>System</u>	<u>Suppressor Especially Difficult To Remove</u>	<u>Suppressor Inaccessible During Normal Operation</u>	<u>Suppressor in High Radiation Area During Shutdown*</u>
Reactor Coolant System (50) (continued)				
H 4			X	
H 5			X	
H 7			X	
H 8			X	
H 9			X	
H 10			X	
H 11			X	
H 12			X	
H 1A			X	
H 2A			X	
H 3A			X	
H 13A			X	

4.18-11a

## Unit 3 Safety Related Shock Suppressors (Snubbers)

<u>Sketch/Hanger No.</u>	<u>System</u>	<u>Suppressor Especially Difficult To Remove</u>	<u>Suppressor Inaccessible During Normal Operation</u>	<u>Suppressor in High Radiation Area During Shutdown*</u>
3-2214 H 2A H 1E	High Pressure Injection System (51)		X X	
3-4271 3-4273 3-4280 3-4281 3-4282 3-4287 3-4288 H 3 H 1C	Low Pressure Injection System (53)		X X	
4.18-12 3-2140 3-2165 3-2174 H 9A H 9B	Reactor Building Spray System (54)		X X	
3-5700 3-5703 3-5707 3-5709 3-5712 3-5716 3-5718 H 9 H 10	Spent Fuel Cooling System (56)		X X	

## Unit 3 Safety Related Shock Suppressors (Snubbers)

<u>Sketch/Hanger No.</u>	<u>System</u>	<u>Suppressor Especially difficult To Remove</u>	<u>Suppressor Inaccessible During Normal Operation</u>	<u>Suppressor in High Radiation Area During Shutdown*</u>
H 7	Pressurizer Relief Valve Discharge (57)		X	
H 9			X	
H 12			X	
H 13			X	
H 15			X	
H 16			X	
H 17			X	
H 20			X	
H 21			X	
H 23			X	
H 25			X	
H 26		X		

4.18-13

\*Modifications to this Table due to changes in high radiation areas should be submitted to the NRC as part of the next license amendment.