

Central File
50-269
270
287

DUKE POWER COMPANY

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

December 7, 1979

TELEPHONE: AREA 704
373-4083

Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

10:00 AM
DEC 11 1979

Re: Oconee Nuclear Station
RII:JPO
50-269
50-270
50-287

Dear Sir:

Please find attached an update of the information provided to your office on October 29, 1979 and November 6, 1979 in response to IE Bulletin 79-14. The update includes a summary of the seismic input nonconformances through November 26, 1979. The schedule for submitting the responses with regard to normally inaccessible areas of Units 1 and 2 is slipping proportionate to changes in outage scheduling. Unit 1 is currently down for refueling and is expected to return to service in early February. Unit 2 will be shutdown following Unit 1 restart and is expected to return to service in late April.

Very truly yours,

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

KRW:scs

Attachment

AK

7912310022
A02

Oconee Nuclear Station
Units 1, 2 and 3
USNRC IE Bulletin 79-14, Revision 1, Supplement 1, Supplement 2
Update to Item 2 and Item 3 Responses

ONS Unit 3:

On October 29, 1979¹ Duke submitted partial responses to Items 2 and 3 of USNRC IE Bulletin 79-14. These responses summarized seismic input nonconformances identified in normally accessible and inaccessible regions of Unit 3 as of 5:00 PM on October 22, 1979. At that time, physical walkdown surveillance had been completed.

Enclosed is an update of the summary as of 5:00 PM on November 26, 1979. This update reflects minor changes from the October 22, 1979 summary as a result of seismic input nonconformances identified by Design Engineering during engineering review of the completed surveillance packages.

ONS Units
1 and 2:

On November 6, 1979² Duke submitted partial responses to Item 2 of the USNRC IE Bulletin. These responses summarized seismic input nonconformances identified in normally accessible regions of Units 1 and 2. At that time physical walkdown surveillance was 92% complete for Unit 1 and 65% complete for Unit 2. Surveillance of normally accessible regions of Units 1 and 2 were completed on November 4, 1979 and November 16, 1979, respectively. Enclosed are updates of the seismic input non-conformance summaries as of 5:00 PM on November 26, 1979.

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1. Letter dated October 29, 1979 from Mr. W. O. Parker, Jr. (Duke Power Company) to Mr. J. P. O'Reilly, USNRC, Region II.
 2. Letter dated November 6, 1979 from Mr. W. O. Parker, Jr. (Duke Power Company) to Mr. J. P. O'Reilly, USNRC, Region II.

Oconee Nuclear Station
 USNRC IE Bulletin 79-14
 Seismic Input Nonconformance Summary

Unit 1 Unit Access Region Normally Accessible

Summary As Of 11-26-79

Summary Issue Date 11-29-79

System	Building	Support/Restraint				Valve/Operator				Piping Physical Configuration	Nonconformance Identified By Site as Significant Discrepancy	Nonconformance Identified By Design Engineering	Criteria (C) or Rigorously (R) Analyzed	Major Discrepancy Resolution No.	COMMENTS	Operability Impaired? Yes - Y No - N	Surveillance Data Package Status						
		Location	Type	Direction	Missing S/R	Additional S/R	Location	Orientation	Type								Missing Valve	Additional Valve	Surveillance Complete Final Site Review	Project Manager Review	Stress Analysis Review	Support/Restraint Review	Station Support Review
01A	A, T			1							X		R, C	68		N	X	X					
				1							X			91	Broken Weld	ED	/	/	/	/	/	/	/
					3						X			108, 109, 121		ED	/	/	/	/	/	/	/
03	A, T		1								X		R, C	26	Spring in lieu of rod	ED	X	X					
			1								X			27		N	/	/	/	/	/	/	/
03A	A, T				13						X		R, C	29, 36		ED	X	X					
														66, 82			/	/	/	/	/	/	/
														87			/	/	/	/	/	/	/
				1							X			43		ED	/	/	/	/	/	/	/
				3							X			35, 54	Not shimmed	N	/	/	/	/	/	/	/
														75			/	/	/	/	/	/	/
											X			58, 59		N	/	/	/	/	/	/	/
				1							X			60		N	/	/	/	/	/	/	/
04A	A, T												R, C				X	X	X				
07A	A, T			1	1						X		R, C	112		ED	X	X					
08	T												C				X	X					
11	A												C				X	X					
13	T												R				X	X					

Oconee Nuclear Station
 USNRC IE Bulletin 79-14
 Seismic Input Nonconformance Summary

Unit 1 Unit Access Region Normally Accessible

Summary As Of 11-26-79

Summary Issue Date 11-29-79

System	Building	Support/Restraint				Valve/Operator				Piping Physical Configuration	Nonconformance Identified By Site as Significant Discrepancy	Nonconformance Identified By Design Engineering	Criteria (C) or Rigorously (R) Analyzed	Major Discrepancy Resolution No.	COMMENTS	Surveillance Data Package Status								
		Location	Type	Direction	Missing S/R	Additional S/R	Location	Orientation	Type							Missing Valve	Additional Valve	Operability Impaired? Evaluation	Yes - Y No - N	Discont. - ED	Surveillance Complete Final Site Review	Project Manager Review	Stress Analysis Review	Support/Restraint Review
14B	A, T				1								X	R, C	61		ED	X	X					
		1				1							X		62		N	X	X					
					2								X		70, 71		N	X	X					
						12							X		84, 86		ED	X	X					
															88, 95			X	X					
					2								X		65		N	X	X					
20B 20	A													R, C				X	X					
31	A, T													C				X	X					
43	A													C				X	X					
51	A				1								X	R, C	2	Criteria Pipe	Y	X	X					
		1											X		3	Missing u-bolt	N	/	/	/	/	/	/	/
					2								X		5, 23		N	/	/	/	/	/	/	/
																		/	/	/	/	/	/	/
						2							X		105, 123		ED	/	/	/	/	/	/	/
53	A				1								X	R, C	11	Monorail attached to pipe	ED	X	X					
					1								X		18	Missing rod hanger	ED	/	/	/	/	/	/	/
					1								X		40	Missing bolts	ED	/	/	/	/	/	/	/
					3								X		117	Hot shimmed	ED	/	/	/	/	/	/	/

Oconee Nuclear Station
 USNRC IE Bulletin 79-14
 Seismic Input Nonconformance Summary

Unit 2 Unit Access Region Normally Accessible

Summary As Of 11-28-79

Summary Issue Date 11-28-79

System	Building	Support/Restraint				Valve/Operator				Piping Physical Configuration	Nonconformance Identified By Site as Significant Discrepancy	Nonconformance Identified By Design Engineering	Criteria (C) or Rigorously (R) Analyzed	Major Discrepancy Resolution No.	COMMENTS	Operability Impaired? Evaluation - ED	Yes - Y No - N	Surveillance Data Package Status					
		Location	Type	Direction	Missing S/R	Additional S/R	Location	Orientation	Type									Missing Valve	Additional Valve	Surveillance Complete Final Site Review	Project Manager Review	Stress Analysis Review	Support/Restraint Review
01A	A,T			1							X		R,C	2	Missing pin in rod hanger	ED	X	X					
		1									X			13	Located on main pipe-not by-pass line	N	/	/	/	/	/	/	/
				1							X			9	Missing structural member	Y	/	/	/	/	/	/	/
					2						X			11	Additional vertical S/R	ED	/	/	/	/	/	/	/
03	A,T												R,C				X	X					
03A	A,T			1							X		R,C	15	Missing structural member	ED	X	X					
					3						X			16, 19	Additional vertical S/R	ED	/	/	/	/	/	/	/
				1							X			33	Not properly shimmed	N	/	/	/	/	/	/	/
04A	A,T			1							X		R,C	51	Broken grout pad	ED	X	X					
07A	T				2						X		R,C	76, 82		ED	X	X					
08	T												C				X	X					
11	A												C				X	X					
13	T												R				X	X					
14B	A,T				1						X		R,C	93		ED	X	X					
20B 20	A												R,C				X	X					
31	A,T												C				X	X					
48	A			1							X		C	65	Criteria designed pipe	ED	X	X					
51A	A			1							X		R,C	25	Missing U-bolts	N	X	X					

Oconee Nuclear Station
 USNRC IE Bulletin 79-14
 Seismic Input Nonconformance Summary

Unit 2 Unit Access Region Normally Accessible

Summary As Of 11-28-79

Summary Issue Date 11-28-79

System	Building	Support/Restraint				Valve/Operator				Piping Physical Configuration	Nonconformance Identified By Site as Significant Discrepancy	Nonconformance Identified By Design Engineering	Criteria (C) or Rigorously (R) Analyzed	Major Discrepancy Resolution No.	COMMENTS	Surveillance Data Package Status					
		Location	Type	Direction	Missing S/R	Additional S/R	Location	Orientation	Type							Missing Valve	Additional Valve	Operability Impaired?	Yes - Y No - N	Surveillance Complete	Final Site Review
				1							X		R,C	30	Broken u-bolts	N	/	/	/	/	/
					1						X			31	Criteria designed pipe	ED	/	/	/	/	/
					1						X			29	Missing support	N	/	/			
				1							X			39	Loose u-bolts, criteria pipe	N	/	/			
				1							X			56	S/R not free to slide	ED	/	/			
				1							X			64	Missing u-bolts, criteria pipe	ED	/	/			
				3							X			67,68,69	Loose and missing u-bolts, criteria pipe	ED	/	/	/	/	/
51B	A				1						X		R,C	56		ED	X	X			
					1						X			64	Missing u-bolts, criteria pipe	ED	/	/	/	/	
53A	A												R,C				X	X			
53B	A			1	1						X		R,C	38	Missing S/R, S/R improperly shimmed	ED	X	X			
						1					X			49		ED	/	/	/	/	/
54A	A												R,C				X	X			
54B	A												R,C				X	X			
55	A												R,C				X	X			
56	A												R,C				X	X			
57	A				1						X		C	55	Criteria designed pipe	Y	X	X			
59	A					1					X		C	77	Criteria designed pipe	ED	X	X			

Oconee Nuclear Station
 USNRC IE Bulletin 79-14
 Seismic Input Nonconformance Summary

Unit 3 Unit Access Region Auxiliary, Turbine Buildings

Summary As Of 11-26-79

Summary Issue Date 11-29-79

System	Building	Support/Restraint				Valve/Operator				Piping Physical Configuration	Nonconformance Identified By Site as Significant Discrepancy	Nonconformance Identified By Design Engineering	Criteria (C) or Rigorously (R) Analyzed	Major Discrepancy Resolution No.	COMMENTS	Operability Impaired? Yes - Y No - N	Surveillance Data Package Status				
		Location	Type	Direction	Missing S/R	Additional S/R	Location	Orientation	Type								Missing Valve	Additional Valve	Surveillance Complete Final Site Review	Project Manager Review	Stress Analysis Review
01A	A, T	1									X	R, C	42	Attached to main run in lieu of Branch Line	ED	X	X	X			
					2						X		42		ED	/	/	/	/	/	
03	A, T			1							X	R, C	45	Under-sized snubber	ED	X	X	X	X		
				1							X		3	Missing structural member	Y	/	/	/	/	/	
				-1							X		43	Unrestrained seismic uplift load	ED	/	/	/	/	/	
03A	A, T			1						X		R, C	4	Vertical hanger required because of reroute	Y	X	X	X			
					1					X			4	Not required	N	/	/	/	/	/	
						1					X		4	Two adjacent elbows shifted in location	N	/	/	/	/	/	
				2	4						X		48		ED	/	/	/	/	/	
04A	A, T															X	X	X			
07A	T															X	X	X			
08	T															X	X	X	X	X	
11	A															X	X	X	X	X	
13	T															X	X	X			
14B	A, T			1							X	R, C	2	Not properly shimmed	Y	X	X	X			
				1							X		5	Apparent additional lateral restraint	N	/	/	/	/	/	
				1							X		5	Rod hanger missing	Y	/	/	/	/	/	
						1				X			5	Piping layout modification	ED	/	/	/	/	/	

Oconee Nuclear Station
 USNRC IE Bulletin 79-14
 Seismic Input Nonconformance Summary

Unit 3 Unit Access Region Auxiliary, Turbine Buildings

Summary As Of 11-26-79

Summary Issue Date 11-29-79

System	Building	Support/Restraint				Valve/Operator				Piping Physical Configuration	Nonconformance Identified By Site as Significant Discrepancy	Nonconformance Identified By Design Engineering	Criteria (C) or Rigorously (R) Analyzed	Major Discrepancy Resolution No.	COMMENTS	Operability Impaired? Evaluation	Yes - Y No - N	Surveillance Data Package Status				
		Location	Type	Direction	Missing S/R	Additional S/R	Location	Orientation	Type									Missing Valve	Additional Valve	Surveillance Complete Final Site Review	Project Manager Review	Stress Analysis Review
20B 20	A	4									X	R,C	N/A	Mislocated by 1'-0", 1'-10", 2'-4" & 3'-7"	N	X	X	X				
					2						X		N/A	Additional lateral restraints	N	/	/	/	/	/	/	
						2					X		N/A	Misoriented approximately 90°	N	/	/	/	/	/	/	
						2					X		N/A	Operator type	N	/	/	/	/	/	/	
3T	A,T											C				X	X	X	X			
48	A		1							X		C	6	U-bolt missing	Y	X	X	X	X			
51A	A			2						X		R,C	24,34	Criteria designed pipe	N	X	X	X				
51B	A		1							X		R,C	36	Missing pin in rod hanger	ED	X	X	X				
53A	A											R,C				X	X	X				
53B	A											R,C				X	X	X				
54A	A			2							X	R,C	44			X	X	X				
54B	A											R,C				X	X	X				
55	A											R,C				X	X	X				
56	A											R,C				X	X	X				
61	A											C				X	X	X	X			
69	A											C				X	X	X				

Oconee Nuclear Station
 USNRC IE Bulletin 79-14
 Seismic Input Nonconformance Summary

Unit 3 Unit Access Region Reactor Building

Summary As Of 11-26-79

Summary Issue Date 11-29-79

System	Building	Support/Restraint				Valve/Operator			Piping Physical Configuration	Nonconformance Identified By Site as Significant Discrepancy	Nonconformance Identified By Design Engineering	Criteria (C) or Rigorously (R) Analyzed	Major Discrepancy Resolution No.	COMMENTS	Operability Impaired? Evaluation	Yes - Y No - N	Surveillance Data Package Status					
		Location	Type	Direction	Missing S/R	Additional S/R	Location	Orientation									Type	Missing Valve	Additional Valve	Surveillance Complete Final Site Review	Project Manager Review	Stress Analysis Review
01A	R								1		X	R	46		N		X	X	X			
03	R											R					X	X	X			
03A	R											R					X	X	X			
04A	R											R					X	X	X			
14B	R											R					X	X	X			
50	R											R					X	X	X			
01A	R			1							X	R	47		ED		X	X	X			
53A	R							1	1	X		R	11	New branch line (1½" Dia. Pipe).	ED		X	X	X			
54B	R											R					X	X	X			
55	R			8						X		R	13, 7	Missing U-bolts	ED		X	X	X			
								2	1	X			15	New branch line (1" Dia. Pipe).	ED		/	/	/	/	/	
				1							X		47		ED		/	/	/	/	/	
					2					X			16	Non-Safety Pipe supported on Safety Pipe.	ED		/	/	/	/	/	
56	R											R					X	X	X			
57	R											R					X	X	X			
59	R											R					X	X	X			