

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
ENVIRO

TO: Mr. B.C. Rusche

FROM: Duke Power Co.
Charlotte, N.C. 28242
Wm. O. Parker

DATE OF DOCUMENT
9-1-76

DATE RECEIVED
9-7-76

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DESCRIPTION Ltr requesting for amdt to Enviro
Tech Specs in order to revise control of
station chemical effluents with attached
Table 1.2-1....

ENCLOSURE

PLANT NAME: Oconee 1-2-3

Do Not Remove

ACKNOWLEDGED

SAFETY

FOR ACTION/INFORMATION

ENVIRO

DHL 9-13-76

ASSIGNED AD:		<input checked="" type="checkbox"/>	ASSIGNED AD: MOORE
<input checked="" type="checkbox"/> BRANCH CHIEF:	Schwencer		BRANCH CHIEF:
PROJECT MANAGER:			PROJECT MANAGER:
<input checked="" type="checkbox"/> LIC. ASST.:	Sheppard		LIC. ASST.:

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE (3)	SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY &
<input checked="" type="checkbox"/> NRC PDR (3)	HEINEMAN	TEDESCO	ENVIRO ANALYSIS
<input checked="" type="checkbox"/> I & E (2)	SCHROEDER	BENAROYA	<input checked="" type="checkbox"/> DENTON & MULLER
<input checked="" type="checkbox"/> OELD		LAINAS	
GOSSICK & STAFF	ENGINEERING	IPPOLITO	ENVIRO TECH.
MIPC	MACCARRY	KIRKWOOD	ERNST
CASE	KNIGHT		<input checked="" type="checkbox"/> BALLARD
HANAUER	SIHWEIL	OPERATING REACTORS	SPANGLER
HARLESS	PAWLICKI	STELLO	
			SITE TECH.
PROJECT MANAGEMENT	REACTOR SAFETY	OPERATING TECH.	GAMMILL
BOYD	ROSS	<input checked="" type="checkbox"/> EISENHUT	STAPP
P. COLLINS	NOVAK	SHAO	HULMAN
HOUSTON	ROSZTOCZY	BAER	
PETERSON	CHECK	BUTLER	SITE ANALYSIS
MELTZ		<input checked="" type="checkbox"/> GRIMES	<input checked="" type="checkbox"/> VOLLMER
<input checked="" type="checkbox"/> HELTEMES	AT & I		BUNCH
SKOVHOLT	SALTZMAN		<input checked="" type="checkbox"/> J. COLLINS
	RUTBERG		<input checked="" type="checkbox"/> KREGER

EXTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> LPDR: WALTHAM, S.C.	NAT LAB:	BROOKHAVEN NAT LAB	CONTROL NUMBER 9129
<input checked="" type="checkbox"/> TIC:	REG. VIE	ULRIKSON (ORNL)	
<input checked="" type="checkbox"/> NSIC:	IA PDR		
<input checked="" type="checkbox"/> ASLB:	CONSULTANTS		
<input checked="" type="checkbox"/> ACRS 16 CYS	To L.A.		

DUKE POWER COMPANY

POWER BUILDING

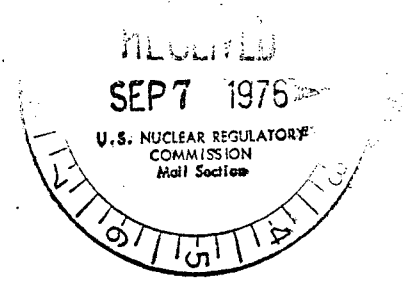
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

Regulatory Docket File

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

TELEPHONE: AREA 704
373-4083

September 1, 1976



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

Attention: Mr. A. Schwencer, Chief
Operating Reactors Branch No.1

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

Dear Mr. Rusche:

Pursuant to 10CFR50, §50.90, an amendment to the Oconee Nuclear Station Non-Radiological Environmental Technical Specifications, Appendix B to Facility Operating Licenses DPR-38, -47, and -55 is requested. This proposed change revises the method of control of station chemical effluents by instituting a chemical effluent monitoring program in lieu of the present chemical inventory program. Replacement pages for the proposed Technical Specification 1.2 are attached, and an explanation and justification of this change is as follows:

In accordance with requirements of the present Technical Specification 1.2, station chemical inventories are maintained and chemical effluent release concentrations are determined by gross annual chemical usages. Expected annual usage values of various chemicals were originally proposed in the Duke Power Company Supplement to Environmental Quality Features of Keowee-Toxaway Project, of October, 1971 and were appraised by the NRC in the Oconee Final Environmental Statement of March, 1972. These values were adopted as limiting chemical usage values and remain as the present annual chemical release limits as stated in Table 1.2-1 of Technical Specification 1.2. It is felt that these values are overly conservative since they indicate original expected chemical usages and do not reflect state and federal limitations, nor do they reflect an updated reasonable assessment of expected chemical effluents from Oconee Nuclear Station. Also, the chemical inventory method is considered an inaccurate method by which to base determination of chemical effluent concentration limits since large portions of certain chemicals may be utilized at the station but not enter the chemical effluent stream.

~~6276~~

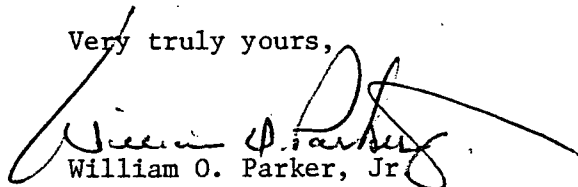
9129

Mr. Benard C. Rusche
Page 2
September 1, 1976

In order to alleviate the above problems, the proposed change to Technical Specification 1.2 replaces the chemical inventory requirements with a program which provides for monitoring chemical effluents as they are released to the environment via the Low Level Radwaste System and the Waste Water Treatment System. This proposal is consistent with monitoring presently performed at Oconee and requirements as indicated in the proposed Table 1.2-1 are consistent with present EPA requirements.

It is felt that this proposed technical specification implements reasonable updated guidelines and limitations for control of chemical effluents released from Oconee Nuclear Station.

Very truly yours,



William O. Parker, Jr.

EDB:vr