ANNUAL & SEMI-ANNUAL OPERATING REPORTS (LICENSING)

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FILE: REPORTS FILE

FROM: Carolina Power and Light Company, Raleigh, N.C. 27602 E.E. Utley	DATE OF DOC 4-11-75	DATE REC'D 4-16-75	LTR XX	TWX	RPT	OTHER
TO: Mr. Edson G. Case	ORIG 3 signed	CC 45	OTHER	SENT AEC PDR XXX SENT LOCAL PDR XXX		
CLASS	UNCLASS XX	PROP INFO	INPUT	NO CYS REC'D 45	DOCKET NO: 50-261	

DESCRIPTION: Ltr the following:

ACKNOWLEDGED

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PLANT NAME: H.B. Robinson Unit No. 2

ENCLOSURES: Correction to Routine Operating Report No. 7

FOR ACTION/INFORMATION WPM 4-16-75

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Carolina Power & Light Company

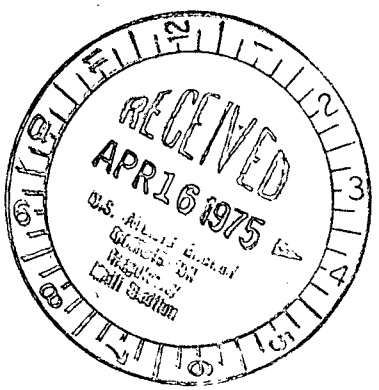
Regulatory File Cy.

50-261

April 11, 1975

File: NG-3514 (R)

Serial: NG-75-518



Mr. Edson G. Case, Acting Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

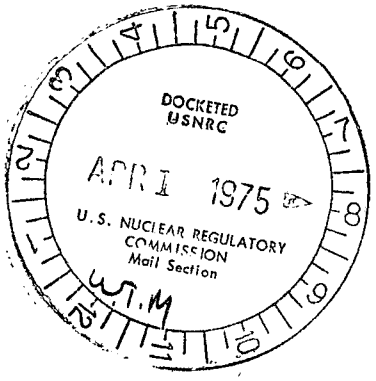
Dear Mr. Case:

H. B. ROBINSON UNIT NO. 2
LICENSE NO. DPR-23
CORRECTION TO ROUTINE OPERATING REPORT NO. 7

In recent conversations with your staff, an error was noted in the amount of radioactive I-131 released during July 1973 as reported in the H. B. Robinson Unit No. 2 Routine Operating Report No. 7. The exponent was inadvertently noted as a factor of 1,000 higher than the actual value. In an effort to correct this error and to provide the Commission with data consistent with plant operating records, we hereby submit as an attachment forty-five copies of corrected pages to replace the pages presently in the report.

Yours very truly,

E. E. Utley
Vice-President
Bulk Power Supply



DBW:cs

Attachment

cc: Messrs. N. B. Bessac
P. W. Howe
R. E. Jones
J. B. McGirt
D. B. Waters

4157

336 Fayetteville Street • P. O. Box 1551 • Raleigh, N. C. 27602

II. AIRBORNE RELEASES

	Units	JULY	AUGUST	SEPT	OCT.	NOV.	DEC.
1. Total noble gases	Curies	2.35×10^{-2}	1.17×10^{-2}	2.29×10^{-2}	2.13×10^{-2}	5.71×10^{-2}	1.51×10^{-2}
2. Total halogens	Curies	2.45×10^{-1}	5.76×10^{-4}	2.36×10^{-4}	5.63×10^{-4}	1.81×10^{-2}	5.63×10^{-3}
3. Total particulate gross radioactivity (β,γ)	Curies	1.03×10^{-9}	6.98×10^{-10}	3.10×10^{-10}	3.30×10^{-11}	7.2×10^{-11}	1.24×10^{-9}
4. Total tritium	Curies	4.58×10^{-4}	1.34×10^{-4}	1.80×10^{-4}	1.17×10^{-4}	1.12×10^{-4}	7.70×10^{-5}
5. Total particulate gross alpha radioactivity	Curies	$0 \pm 3.37 \times 10^{-17}$	$0 \pm 337 \times 10^{-17}$	$0 \pm 3.37 \times 10^{-17}$	$0 \pm 3.37 \times 10^{-17}$	$0 \pm 3.37 \times 10^{-17}$	$0 \pm 337 \times 10^{-17}$
6. Maximum noble gas release rate	uCi/sec	4592.3	8854.7	13596.0	15958.0	74340.0	1943.8
7. Percent of applicable limit for:							
a. noble gases	%	5.82×10^{-5}	2.90×10^{-5}	5.89×10^{-5}	5.28×10^{-5}	1.47×10^{-4}	3.70×10^{-5}
b. halogens	%	.127846	3.00595	1.2744	2.92718	97.83784	29.38107
c. particulates	%	5.40×10^{-6}	3.60×10^{-6}	1.71×10^{-6}	2.0×10^{-7}	4.0×10^{-7}	6.4×10^{-6}
8. Isotope released:	Curies						
Particulates							
Cs-137		$0 \pm 2.34 \times 10^{-13}$	$0 \pm 2.10 \times 10^{-12}$	$0 \pm 2.00 \times 10^{-12}$	$0 \pm 3.79 \times 10^{-12}$	$0 \pm 4.36 \times 10^{-11}$	$0 \pm 3.67 \times 10^{-11}$
Ba-La-140		$0 \pm 1.51 \times 10^{-12}$	$0 \pm 1.21 \times 10^{-12}$	$0 \pm 1.69 \times 10^{-12}$	$0 \pm 2.04 \times 10^{-12}$	$0 \pm 6.01 \times 10^{-11}$	$0 \pm 1.51 \times 10^{-11}$
Sr-90		$0 \pm 3.69 \times 10^{-12}$	$0 \pm 3.52 \times 10^{-11}$	$0 \pm 2.39 \times 10^{-11}$	$0 \pm 3.01 \times 10^{-12}$	$0 \pm 9.02 \times 10^{-12}$	$0 \pm 3.69 \times 10^{-12}$
Cs-134		$0 \pm 2.46 \times 10^{-11}$	$0 \pm 2.11 \times 10^{-11}$	$0 \pm 2.50 \times 10^{-11}$	$0 \pm 3.41 \times 10^{-11}$	$0 \pm 2.38 \times 10^{-11}$	$0 \pm 3.83 \times 10^{-11}$
Sr-89		$0 \pm 2.41 \times 10^{-10}$	$0 \pm 4.36 \times 10^{-12}$	$0 \pm 3.84 \times 10^{-12}$	$0 \pm 3.80 \times 10^{-12}$	$0 \pm 3.33 \times 10^{-12}$	$0 \pm 2.53 \times 10^{-12}$
Halogens							
I-131		2.45×10^{-4}	5.76×10^{-4}	2.36×10^{-4}	5.63×10^{-4}	1.81×10^{-2}	5.63×10^{-3}
I-133		$0 \pm 2.14 \times 10^{-11}$	$0 \pm 2.65 \times 10^{-11}$	8.24×10^{-10}	1.02×10^{-9}	5.77×10^{-9}	4.40×10^{-10}
I-135		$0 \pm 1.46 \times 10^{-12}$	$0 \pm 2.11 \times 10^{-12}$	$0 \pm 4.13 \times 10^{-11}$	1.56×10^{-9}	1.31×10^{-9}	2.73×10^{-8}
Gases							
Kr-85		1.66×10^{-5}	1.72×10^{-6}	4.72×10^{-4}	4.33×10^{-3}	2.44×10^{-3}	2.11×10^{-3}
Xe-133		1.85×10^{-2}	1.44×10^{-3}	2.08×10^{-2}	1.41×10^{-2}	4.51×10^{-2}	1.05×10^{-2}
Kr-88		$0 \pm 1.63 \times 10^{-12}$	$0 \pm 5.10 \times 10^{-11}$	$0 \pm 2.99 \times 10^{-12}$	$0 \pm 6.2 \times 10^{-12}$	$0 \pm 5.22 \times 10^{-12}$	4.92×10^{-4}
Kr-87		$0 \pm 1.44 \times 10^{-11}$	$0 \pm 2.60 \times 10^{-12}$	$0 \pm 2.11 \times 10^{-11}$	$0 \pm 2.25 \times 10^{-11}$	$0 \pm 2.60 \times 10^{-11}$	$0 \pm 2.11 \times 10^{-11}$
Kr-85m		$0 \pm 3.35 \times 10^{-12}$	$0 \pm 3.25 \times 10^{-12}$	$0 \pm 6.72 \times 10^{-13}$	3.44×10^{-6}	$0 \pm 2.0 \times 10^{-11}$	$0 \pm 3.11 \times 10^{-12}$
Xe-138		$0 \pm 2.10 \times 10^{-13}$	$0 \pm 2.10 \times 10^{-13}$	$0 \pm 7.64 \times 10^{-12}$	$0 \pm 1.11 \times 10^{-12}$	$0 \pm 1.7 \times 10^{-12}$	$0 \pm 1.89 \times 10^{-12}$
Xe-135m		$0 \pm 2.91 \times 10^{-11}$	$0 \pm 2.91 \times 10^{-11}$	$0 \pm 1.11 \times 10^{-11}$	$0 \pm 4.33 \times 10^{-11}$	$0 \pm 4.33 \times 10^{-11}$	$0 \pm 3.88 \times 10^{-11}$
Xe-135		5.58×10^{-5}	1.13×10^{-5}	1.59×10^{-5}	7.75×10^{-5}	8.10×10^{-4}	1.23×10^{-4}
Ar-41		$0 \pm 2.13 \times 10^{-12}$	$0 \pm 2.64 \times 10^{-12}$	$0 \pm 3.04 \times 10^{-12}$	$0 \pm 2.13 \times 10^{-12}$	$0 \pm 2.13 \times 10^{-12}$	$0 \pm 3.13 \times 10^{-12}$
Others as appropriate (specify)							
Co^{60}		1.11×10^{-9}		2.36×10^{-10}			
Co^{58}				2.40×10^{-10}			2.05×10^{-9}
Mn^{54}				2.76×10^{-10}			