

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8707210074 DOC. DATE: 87/07/15 NOTARIZED: NO DOCKET #
 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335
 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389
 AUTH. NAME: WOODY, C. O. AUTHOR AFFILIATION: Florida Power & Light Co.
 RECIP. NAME: TICHLER, J. L. RECIPIENT AFFILIATION: Brookhaven National Laboratory

SUBJECT: Forwards comments on encl marked-up pages to 1985 draft effluent info provided by 870616 ltr.

DISTRIBUTION CODE: IE48D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3
 TITLE: 50.36a(a)(2) Semiannual Effluent Release Reports

NOTES:

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	ARM TECH ADV	1 1	NRR/DEST/PSB	1 1
	NRR/DREP/RPB	4 4	NRR/PMAS/ILRB	1 1
	<u>REG. FILE</u> 02	1 1	RGN2 FILE 01	1 1
	RGN2/DRSS/EPRPB	1 1		
EXTERNAL:	BNL TICHLER, J	1 1	LPDR	1 1
	NRC PDR	1 1		



JULY 15 1987

L-87-296

Ms. Joyce L. Tichler
Atmospheric Sciences Division
Brookhaven National Laboratory
Upton, NY 11973

Dear Ms. Tichler:

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Summary of Radioactive Effluents

Florida Power & Light Company has reviewed the draft effluent information provided in your letter dated June 16, 1987.

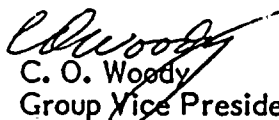
Our suggested changes to the data are indicated on the attached marked up copies of the summary sheets.

Please address future requests to:

Mr. C. O. Woody, Group Vice President
Nuclear Energy
Florida Power & Light Company
P. O. Box 14000
Juno Beach, FL 33408
Attn: Nuclear Licensing

Should you need any additional information on this data, please contact us.

Very truly yours,


C. O. Woody
Group Vice President
Nuclear Energy

COW/GRM/gp

Attachment

cc: Mr. R. A. Hartfield, USNRC
Dr. J. Nelson Grace, Regional Administrator, Region II, USNRC
USNRC Document Control Desk
Senior Resident Inspector, USNRC, St. Lucie Plant

FE48
FE25
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PDR ADOCK 05000335
R PDR

EFFLUENT AND WASTE DISPOSAL ANNUAL REPORT FOR YEAR 1985
AIRBORNE AND LIQUID EFFLUENTS

This report is being sent for your review.

UNIT NUMBER: 2
TYPE: PWR
DOCKET NO.: 58-389
COOLING WATER SOURCE: ATLANTIC OCEAN

LICENSEE: FLORIDA POWER & LIGHT
LICENSED POWER (MWT): 2700.00
INITIAL CRITICALITY: 06/02/83

AIRBORNE EFFLUENTS

NUCLIDES RELEASED	ACTIVITY (CI)
AR-41	7.99E+00
CO-57	1.37E-07
KR-85	2.52E-01
KR-85M	6.83E+01
KR-87	6.36E+00
KR-88	3.73E+01
I-131	1.07E-01
XE-131M	6.25E+00
I-132	3.43E-02
I-133	6.89E-02
XE-133	8.40E+03
XE-133M	3.91E+01
XE-135	9.76E+02

LIQUID EFFLUENTS

NUCLIDES RELEASED	ACTIVITY (CI)
NA-24	1.03E-03
AR-41	1.51E-03
CR-51	1.89E-01
MN-54	4.95E-02
FE-55	5.21E-01
CO-57	9.10E-05
CO-58	6.00E-01
FE-59	1.67E-02
CO-60	4.25E-01
KR-85	<u>1.48E-01</u>
KR-85M	1.04E-04
SR-89	1.61E-03
SR-90	1.14E-04
Y-90	1.14E-04
NB-95	7.32E-02
ZR-95	5.05E-02
NB-97	5.37E-03
MO-99	5.60E-04
TC-99M	3.18E-03
RU-103	7.46E-03
AG-110	4.57E-03
SN-113	1.09E-03
SB-122	3.60E-03
SB-124	7.58E-03
SB-125	3.11E-02
I-131	1.30E-01
XE-131M	6.57E-03
I-132	4.90E-03

should be 1.48E+01

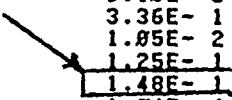
N/A=NOT APPLICABLE
N/D=NOT DETECTED
N/R=NOT REPORTED



EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT FOR 1985
LIQUID EFFLUENTS

NUCLIDES RELEASED	UNIT	CONTINUOUS MODE		BATCH MODE	
		QUARTER 3	QUARTER 4	QUARTER 3	QUARTER 4
NA-24	CI			1.77E-4	2.04E-4
AR-41	CI			1.11E-3	3.99E-4
CR-51	CI			7.85E-2	1.03E-1
MN-54	CI			3.47E-2	7.70E-3
FE-55	CI			3.14E-1	8.71E-2
CO-57	CI			9.10E-5	0.00E-0
CO-58	CI			3.36E-1	1.34E-1
FE-59	CI			1.05E-2	2.26E-3
CO-60	CI			1.25E-1	2.30E-1
KR-85	CI			1.40E-1	0.00E-0
KR-85M	CI			1.04E-4	0.00E-0
SR-89	CI			2.76E-4	7.66E-4
SR-90	CI			0.00E-0	3.33E-5
Y-90	CI			0.00E-0	3.33E-5
NB-95	CI			4.29E-2	3.03E-2
ZR-95	CI			2.80E-2	2.03E-2
NB-97	CI			4.57E-3	7.60E-4
MO-99	CI			0.00E-0	5.60E-4
TC-99M	CI			2.91E-4	2.52E-3
RU-103	CI			3.55E-4	6.65E-3
AG-110	CI			3.73E-3	8.30E-4
SN-113	CI			5.55E-4	5.15E-4
SB-122	CI			9.45E-4	1.53E-3
SB-124	CI			2.33E-3	4.14E-3
SB-125	CI			1.02E-2	8.75E-3
I-131	CI			3.21E-2	4.63E-2
XE-131M	CI			0.00E-0	2.81E-3
I-132	CI			6.00E-4	5.55E-5
I-133	CI			1.54E-2	3.44E-3
XE-133	CI			6.90E-1	8.70E-0
XE-133M	CI			8.05E-3	7.50E-2
CS-134	CI			2.56E-2	5.65E-2
I-135	CI			4.66E-3	0.00E-0
XE-135	CI			2.79E-2	1.87E-2
XE-135M	CI			1.73E-3	0.00E-0
CS-136	CI			5.40E-4	4.41E-4
CS-137	CI			3.57E-2	8.00E-2
LA-140	CI			2.14E-3	5.85E-3
CE-141	CI			0.00E-0	2.05E-3
CE-144	CI			0.00E-0	5.75E-3
NP-239	CI			0.00E-0	5.05E-3

should be
1.48E+01



Could read light values for

AR-41
KR-85
XE-135M

please check if correct

N/D=NOT DETECTABLE

N/A=NOT APPLICABLE

