

Con Edison
 INDIAN POINT STATION UNITS 1 & 2
 EFFLUENT AND WASTE DISPOSAL REPORT
 GASEOUS EFFLUENTS -- SUMMATION OF ALL RELEASES

3 & 4 QUARTERS 1986 Revision

UNITS	QUARTER	QUARTER	EST. TOTAL
	3	4	ERROR %

A. FISSION AND ACTIVATION GASES

1. TOTAL RELEASE	CI	1.85E 02	1.37E 02	5.00E 01
2. AVERAGE RELEASE RATE FOR PERIOD	UCI/SEC	2.33E 01	1.72E 01	
3. PERCENT OF TECHNICAL SPECIFICATION LIMIT	%	NA	NA	

B. IODINES

1. TOTAL IODINE-131	CI	1.11E-03	3.17E-04	5.00E 01
2. AVERAGE RELEASE RATE FOR PERIOD	UCI/SEC	1.39E-04	3.99E-05	
3. PERCENT OF TECHNICAL SPECIFICATION LIMIT	%	NA	NA	

C. PARTICULATES

1. PARTICULATES WITH HALF-LIVES >8 DAYS	CI	1.73E-04	1.02E-02	5.00E 01
2. AVERAGE RELEASE RATE FOR PERIOD	UCI/SEC	2.18E-05	1.28E-03	
3. PERCENT OF TECHNICAL SPECIFICATION LIMIT	%	NA	NA	
4. GROSS ALPHA RADIOACTIVITY	CI	0.00E 00	0.00E 00	

D. TRITIUM

1. TOTAL RELEASE	CI	9.72E-01	5.18E-01	5.00E 01
2. AVERAGE RELEASE RATE FOR PERIOD	UCI/SEC	1.22E-01	6.52E-02	
3. PERCENT OF TECHNICAL SPECIFICATION LIMIT	%	NA	NA	

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		CONTINUOUS MODE		BATCH MODE	
NUCLIDES RELEASED	UNITS	QUARTER 3	QUARTER 4	QUARTER 3	QUARTER 4
1. FISSION AND ACTIVATION GASES					
H3	CI	9.72E-01	5.18E-01		
C14	CI	2.00E+00	2.00E+00		
AR41	CI	2.57E-02	8.08E-02		
KR85M	CI	2.60E-02	8.67E-02		
KR87	CI	6.76E-03	4.09E-02		
KR88	CI	3.60E-02	1.43E-01		
XE133M	CI	2.68E-02	6.27E-02	2.79E-02	2.35E-01
XE133	CI	1.59E+02	9.82E+01	1.20E+01	2.36E+01
XE135M	CI	2.75E-01	8.27E-01		
XE135	CI	1.12E+01	1.18E+01	1.32E-01	4.75E-02
TOTAL FOR PERIOD	CI	1.73E+02	1.13E+02	1.22E+01	2.39E+01

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CONTINUOUS MODE

ISUCLIDES	UNITS	QUARTER	QUARTER
RELEASED		3	4

2. IODINES

I131	CI	11.10E-03	13.17E-04
I133	CI	11.89E-03	18.93E-04
TOTAL FOR			
PERIOD	CI	12.99E-03	11.21E-03

3. PARTICULATES

C058	CI	12.37E-05	
C060	CI	16.90E-05	13.50E-05
CS137	CI	17.43E-05	16.78E-05
FE55	CI	14.73E-06	14.82E-03
NI63	CI	11.76E-06	15.25E-03
TOTAL FOR			
PERIOD	CI	11.73E-04	11.02E-02

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