

NUREG-0218 Radioactive Materials Released From Nuclear Power Plants (1975)

B107230239 B10707
 PDR FDIA
 UZZ181-224
 PDR

FACILITY: SAN ONOFRE I
 TYPE: PWR
 LOCATION: 2.5 MI S SAN CLEMENTE CA
 COOLING WATER SOURCE: PACIFIC OCEAN

DOCKET NO: 50-206
 LICENSED POWER (MWT): 1347
 INITIAL CRITICALITY: 06/14/67

OPERATION

GROSS THERMAL GENERATION	10032025.0	MWHT
NET ELECTRICAL	3245108.0	MWHE
THERMAL CAPACITY FACTOR (DURING COMMERCIAL OPERATION)	8.50E-01	

SUMMARY OF EFFLUENTS

AIRBORNE

A) TOTAL NOBLE GASES	1.11E+03	CURIES
B) TOTAL I-131	4.50E-03	CURIES
C) TOTAL HALOGENS (INCLUDING I-131)	2.45E-01	CURIES
D) TOTAL PARTICULATES	3.58E-02	CURIES
E) TOTAL TRITIUM	3.43E+01	CURIES

LIQUID

A) TOTAL MIXED FISSION AND ACTIVATION PRODUCTS	1.22E+00	CURIES
B) TOTAL TRITIUM	4.00E+03	CURIES
C) DISSOLVED NOBLE GASES	4.77E+00	CURIES
D) VOLUME OF LIQUID WASTE RELEASED	1.31E+07	LITERS
E) VOLUME OF DILUTION WATER	4.66E+11	LITERS

SOLID WASTE

A) VOLUME	7.96E+01	CUBIC METERS
B) ACTIVITY	2.60E+01	CURIES
C) NUMBER OF SHIPMENTS	6.00E+00	

AIRBORNE EFFLUENTS (CURIES)

NOBLE GAS

AK-41	6.59E-03
KK-83M	7.76E-05
KK-85	3.61E+00
KK-85M	2.36E-01
KK-87	1.83E-02
KK-88	1.49E-01
XE-131M	5.36E+00
XE-133	1.10E+03
XE-133M	1.47E+01
XE-135	2.09E+01
XE-135M	ND
XE-138	ND

HALOGENS

I-131	4.50E-03
I-132	2.38E-01
I-133	2.77E-03

PARTICULATES

CR-51	4.87E-03
MN-54	1.34E-03
FR-59	3.37E-04
CU-57	4.92E-05
CU-58	2.43E-02
CO-60	4.03E-03
SR-89	ND
SR-90	ND
NB-95	1.02E-04
RU-103	2.55E-04
CS-134	2.38E-04
CS-136	2.97E-04
BA/LA-140	ND

TRITIUM

H-3	3.43E+01
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LIQUID EFFLUENTS (CURIES)

XE-131M	4.34E+00
XE-133	4.24E-01
XF-133M	ND
XE-135	1.61E-03
I-131	5.95E-05
I-133	ND
C-14	2.95E-03
CR-51	2.38E-02
MN-54	3.94E-03
CU-58	2.70E-01
FE-59	6.00E-05
CO-60	2.36E-02
ZN-65	ND
SR-89	5.30E-04
SR-90	2.75E-03
AG-110M	1.38E-02
SB-122	7.30E-04
SB-124	ND
CS-134	7.66E-01
CS-137	5.95E-01
BA-140	ND
LA-140	ND
CE-144	2.00E-05

TRITIUM

H-3	4.00E+03
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