

50-247

DEC 16 1971

J. G. Keppler, Chief
Projects Branch, REP

RADIOACTIVITY RELEASES FROM INDIAN POINT 2 REACTOR

The enclosed information on estimated radioactivity releases is for use in developing the radiological impact section of the Indian Point 2 Environmental Statement. Enclosure 1 contains information on liquid effluents and Enclosure 2 relates to gaseous effluents.

151 R.P. Hill

for

H. R. Denton, Assistant Director
Site & Radiological Safety, DRL

Enclosures:
As stated

cc: J. Kastner, REP
M. J. Oestmann, REP

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OFFICE ▶	REP:TAB	REP:TAB				
SURNAME ▶	HBook:ch	JKastner				
DATE ▶	12/16/71	12/16/71				

Fission and Activation Product
Releases in Liquid Effluents
From Indian Point 2

<u>Radionuclide</u>	<u>Curies Per Year</u>
Cr-51	0.034
Mn-54	0.30
Co-58	2.54
Fe-55	0.01
Co-60	0.12
Sr-89	1.48
Sr-90	0.18
Zr-95	0.256
I-131	2.40
I-133	0.95
Cs-134	0.57
Cs-137	1.05
Ba-140	0.109
Ce-144	0.001
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	Total 10. curies
H-3	1000 curies/yr

Enclosure 1

Releases In Gaseous Effluents
From Indian Point 2

<u>Radionuclide</u>	<u>Curies Per Year</u>
Kr-85	350
Xe-131 m	120
Xe-133 m	1
Xe-133	<u>4,530</u>
Total	5,000

Iodine and Particulates 0.1 curies/yr

Enclosure 2