

ATTACHMENT

Consumers Power Company  
Palisades Plant  
Docket 50-255

SEMIANNUAL RADIOACTIVE EFFLUENT RELEASE  
AND WASTE DISPOSAL REPORT

JULY THROUGH DECEMBER 1992  
REVISION

March 17, 1993

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R PDR

**PALISADES NUCLEAR PLANT SEMIANNUAL RADIOACTIVE  
EFFLUENT RELEASE REPORT**

TABLE HP 10.5-2

**GASEOUS EFFLUENTS - SUMMATION OF RELEASES**

<b>3. PARTICULATES *</b>	<b>UNITS</b>	<b>3rd QUARTER</b>	<b>4th QUARTER</b>
Manganese-54	Ci	<LLD	<LLD
Cobalt-58	Ci	<LLD	<LLD
Iron-59	Ci	<LLD	<LLD
Cobalt-60	Ci	<LLD	<LLD
Zinc-65	Ci	<LLD	<LLD
Strontium-89	Ci	8.10E-07	1.18E-06
Strontium-90	Ci	5.15E-07	4.85E-07
Molybdenum-99	Ci	<LLD	<LLD
Cesium-134	Ci	<LLD	<LLD
Cesium-137	Ci	<LLD	2.70E-06
Cerium-141	Ci	<LLD	<LLD
Cerium-144	Ci	<LLD	<LLD
Chromium-51	Ci	<LLD	<LLD
Net Unidentified Beta	Ci	2.82E-05	3.25E-05
Total	Ci	2.95E-05	3.69E-05

\* Particulates with half lives >8 days.

\*\* Particulates with half-lives <8 days; not reflected in overall isotopic totals