



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

IRL

DN 70-257

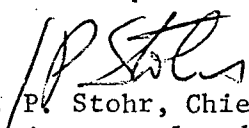
DEC 7 1976

Dr. Louis Boros, Research Scientist
Bureau of Radiation Protection
Department of Environmental Protection
380 Scotch Road
Ewing Township
Trenton, New Jersey 08628

Dear Dr. Boros:

Enclosed are the results of the split soil samples taken at Industrial Reactor Laboratories, Plainsboro, New Jersey by yourself and James Kottan, Radiation Specialist, of this office.

Sincerely,


J. P. Stohr, Chief
Environmental and Special
Projects Section
FF & MS Branch

Enclosure:
As Stated

b-2

IRL Soil Samples Taken September 21, 1976

<u>Sample No.</u>	<u>Isotope</u>	<u>uCi/gm</u>
1	Cs-134	$6.9 \pm 0.3E-5$
	Cs-137	$4.1 \pm 0.1E-3$
	Mn-54	$6.9 \pm 0.8E-6$
	Zn-65	$2.2 \pm 0.2E-5$
	Co-60	$1.38 \pm 0.04E-4$
2	Cs-134	$2.9 \pm 0.1E-5$
	Cs-137	$1.64 \pm 0.05E-4$
	Co-60	$4.6 \pm 0.2E-5$
3	Cs-134	$1.00 \pm 0.04E-5$
	Cs-137	$1.12 \pm 0.04E-5$
	Co-60	$4.7 \pm 0.1E-5$
4	Cs-134	$1.23 \pm 0.04E-4$
	Cs-137	$4.9 \pm 0.1E-4$
	Mn-54	$1.87 \pm 0.07E-5$
	Zn-65	$5.8 \pm 0.2E-5$
	Co-60	$2.00 \pm 0.05E-4$
5	Cs-134	$1.09 \pm 0.03E-4$
	Cs-137	$1.07 \pm 0.03E-3$
	Mn-54	$2.3 \pm 0.2E-6$
	Zn-65	$1.71 \pm 0.06E-5$
	Co-60	$2.30 \pm 0.05E-4$
6	Cs-137	$5.3 \pm 0.2E-7$
	Co-60	$3.7 \pm 0.6E-8$