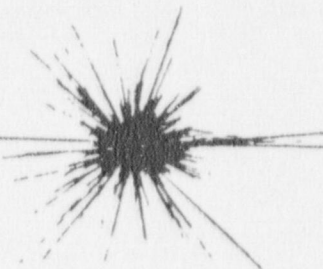


*the Nucleus*



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July 22, 1986

Director, Division of Materials Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20545

Ref: By-Product Materials Licensing  
No. 41-14168-01E Amendment No. 02

Gentlemen:

In compliance with 10CFR32.20, the following summary report of the total quantity of by-product materials transferred for use under paragraph 30.18 is herein transmitted:

<u>Nuclide</u>	<u>Total Activity</u>
Barium-133	.215 millicuries
Cadmium-109	.152 "
Calcium-45	.180 "
Carbon-14	1.200 "
Cesium-137	13.135 "
Cobalt-60	1.637 "
Europium-155	.002 "
Iodine-129	.018 "
Iodine-131	.088 "
Iron-55	.430 "
Manganese-54	.128 "
Phosphorus-32	1.870 "
Polonium-210	.151 "
Promethium-147	.060 "
Strontium-90	.120 "
Thallium-204	4.924 "
Tin-113	2.750 "
Zinc-65	.295 "

The period covered by this report is one year: July 1, 1985  
- June 30, 1986.

Sincerely yours,

8709040060 870403  
NMSS LIC30  
41-14168-01E PDR

James W. Bibb  
Manager

JWB:1a

"THE NUCLEAR SCIENCE PEOPLE"