William J. Cahill, Jr.
Vice President

Regulatory File

Consolidated Edison Company of New York, Inc.
4 Irving Place, New York, N Y 10003
Telephone (212) 460-3819

April 15, 1974

Re Indian Point Unit No. 3
AEC Docket No. 50-286

Mr. D. B. Vassallo, Chief
Light Water Reactors
Project Branch 1-1
Directorate of Licensing
U. S. Atomic Energy Commission
Region 1
Washington, D. C. 20545

Dear Mr. Vassallo

Your letter dated February 25, 1974 requested information about the handling and use of radwaste materials. This information is offered for your present consideration as Attachment "A" to this letter. Section 11 of the Final Safety Analysis Report (FSAR) will be amended as part of Supplement 26 which is presently scheduled for submittal prior to May 1, 1974. Likewise, Supplement 26 will also amend the Technical Specifications to reflect the information contained in Enclosure 2 of your February 25, 1974 letter.

Very truly yours

William J. Cahill, Jr.

enc.
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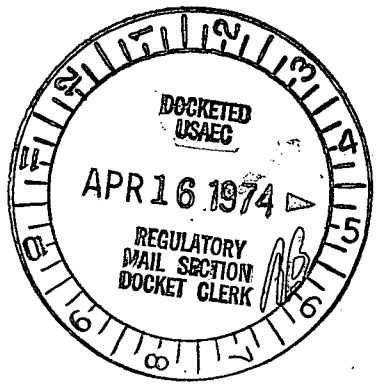

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Attachment "A"

11.3 Radioactive Materials Safety

11.3.1 Materials Safety Program

Storage and handling of sealed sources will be in accordance with the regulations in Title 10 CFR Parts 20 and 70. The sealed sources are used to calibrate plant instrumentation and portable survey instruments at Indian Point Station. Control of the radioactive sources is maintained by the Radiation Safety Subsection. Licenses have been issued by the Atomic Energy Commission (AEC) for gamma and beta sources under the Facility Operating and By-Product Material License. The neutron source is licensed under a Special Nuclear Material (SNM) License along with the Facility Operating License.

When not in use, sources will be returned to their protective containers. The protective container will then be stored in a shielded room on the 53' elevation of the Unit No. 1 Nuclear Service Building. This room is constructed with one-foot thick concrete walls, floor and ceiling. The only entrance is a six-inch thick, hollow steel door, filled with lead shot. The door is normally locked and the key is issued by a Health Physics Supervisor.

Provisions are taken to prevent personnel against undue exposure while handling radioactive materials and against undue contamination from bodily intake. This protection includes control by limitation of source use to qualified personnel with the permission of a Health Physics Supervisor. The sources will only be used under radiation area controlled conditions. Personnel will wear protective clothing, film or TLD whole body monitoring devices, and self-reading pocket dosimeters. Additional instrumentation will be used in the test area to monitor radiation. The source will be handled by the qualified personnel by means of a rod threaded to the top of the source, tongs or other remote handling devices.

11.3.2 Facilities and Equipment

Exhaust hoods are located in the Controlled Area of each unit and are exhausted to that unit's containment vent system. The containment vent systems are monitored with continuous air monitors. The Radiation Safety Subsection maintains numerous survey and measuring instruments including gamma, beta, alpha and neutron survey instruments as well as portable particulate and gas monitors.

11.3.3 Personnel and Procedures

Experience and qualifications of the key personnel responsible for handling and monitoring sealed sources is contained in the response to Question 12.3. Radiation safety instructions covering these operations are transmitted to working personnel in the form of Health Physics Procedures and Station Directives. All rules governing work in the Controlled Area, obtaining permission to enter the Controlled Area, wearing film or TLD badges and dosimeters, wearing proper anti-"C" clothing, obtaining permission to use sources, use of source vaults and shielded containers, use of appropriate signs and barricades and the use of portable survey instrumentation are included in these instructions.

11.3.4 Required Materials

a.	Isotope	Quantity Curies	Form	Use
	Pu-Be	1.0	Sealed	Calibration of reactor instrumentation and radiation monitoring equipment.
b.	Cs-137	5.0	Sealed	Calibration
	Cs-137	0.1	Sealed	Calibration