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Office of the Controller

A. Giambusso

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APPLICATION FOR CONSTRUCTION PERMIT AND FACILITY LICENSE, CONSOLIDATED
EDISON COMPANY OF NEW YORK, INC., DOCKET NO. 50-247

RDT:PM

As requested in Mr. Case's memorandum dated January 7, 1966, we have reviewed the subject application to assess the reasonableness of the stated fuel requirements. The submission did not contain very complete information; but on page 14 of the application for licenses, the applicant "prays" that the Commission allocate approximately 40,000 kilograms of U-235 for the operation of the proposed facility at 673 MWe for 40 years. A rough calculation indicates that operation of the reactor at 2758 MWe for 40 years at 80% load factor would result in the consumption and loss of about 28,000 kilograms of U-235. Reducing the average load factor to 70%, which is probably more realistic, would result in the consumption and loss of about 21,000 kilograms of U-235. Therefore, it appears that the fuel requirements have been generously overestimated.

cc: E. G. Case, DRL

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MEMO ROUTE SLIP Form AEC-93 (Rev. May 14, 1947)		See me about this. Note and return.	For concurrence. For signature.	For action. For information.
TO (Name and unit) T. B. Conner, OGC Rm 256, Bethesda	INITIALS			
	DATE			
TO (Name and unit)	INITIALS	<p style="text-align: center;">SUPPLEMENTAL FILE COPY</p>		
	DATE			
TO (Name and unit)	INITIALS	<p style="text-align: center;">CONSOLIDATED EDISON CO. <u>DOCKET 50-247</u></p>		
	DATE			
FROM (Name and unit) H. Steele <i>H Steele</i> DRL	REMARKS	<p>Transmitted herewith for your info is copy of memo from Giambusso to Lovejoy, dated 7/1/66, re fuel requirements for Indian Point 2 reactor.</p>		
PHONE NO.	DATE 7/21/66			