

APR 18 1973

Docket 50-286

R. C. DeYoung, Assistant Director for Pressurized Water Reactors, L

REQUEST FOR INFORMATION ON IP-3 LOCA DOSE vs DISTANCE

Attached is a plot of LOCA thyroid dose vs distance for IP-3, as requested by H. Spector on April 2, 1973. This graph is based on X/Q values provided by E. Markee on March 28, 1973. The attached graph indicates that a 435 meter exclusion area radius will be required in order to comply with the 300 rem thyroid dose limit of 10 CFR Part 100.

Original signed by
W R Denton

for

Harold R. Denton, Assistant Director
for Site Safety
Directorate of Licensing

Enclosure:
Graph

cc: w/o enclosure
A. Giambusso
W. McDonald

cc: w/enclosure
D. Vassallo
H. Spector
C. Ferrell
J. Hendrie

DISTRIBUTION

L - Rdg.
AAB - Rdg.
AD/SS - Rdg.
Subject File ✓

8111240257 730418
ADOCK 05000286

OFFICE ▶	L:AAB <i>mf</i>	L:AAB <i>BGR</i>	L:AD/SS <i>HR</i>		<i>Memo</i>
SURNAME ▶	CMFERRELL:mj	BGRIMES	HRDENTON		
DATE ▶	4/10/73	4/16/73	4/17/73		

INDIAN POINT #3 LOCA DOSES

TID - 14844 LIMIT

SITE BOUNDARY

DOSES BASED ON E. MARKEE'S
GRAPH DATED 3/28/73

DISTANCE, (METERS)

