Files

50-247

July 22, 1971

H. R. Denton, Assistant Director, Site & Radiological Safety, DRL
THRU: B. Grimes, Chief, Radiological Safety Branch, DRL

INDIAN POINT 2 HEARING

Mr. Richard Kruger, Technical Assistant to Mr. Roisman, attorney for the Citizens Committee for the Protection of the Environment, called to discuss his efforts to calculate thyroid doses for the LOCA.

Mr. Kruger obtained 307 and 450 rems for the exclusion and LPZ distances, respectively. These compare to our Safety Evaluation values of 180 and 270 rems.

Mr. Kruger did not use the TID-14844 assumption of 50% instantaneous plateout, but rather made (our) assumption of 90% inorganic and 10% organic. He then proceeded to use a lambda for sprays, filters, and plateout of 9.2 hr^{-1} to apply to inorganics. He used a slightly higher lambda for the organics (.055 hr^{-1}). The X/Q for the exclusion distance he used was slightly higher than ours (6.8 vs 6.52).

We did not discuss the LPZ calculations, but decided that he would send us a copy of all his work for examination. If desired, we would then call to discuss them further.

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