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NOV 29 1972

Harold R. Denton, Assistant Director for Site Safety, L

SITE VISIT TO INDIAN POINT #3 ON NOVEMBER 21, 1972

E. Markee, J. Kohler and I visited the Indian Point Unit 3 site to view their meteorological tower, instrumentation and data, to observe the shortest plant boundary in the direction of the gypsum plant, and to look over the control room to determine if it would meet criterion no. 19.

We met the Con Ed Personnel (Robert Spring and Richard Remshaw) and their meteorology consultant (Ed Kaplin) at the outer gate and were escorted to the current location of their meteorological tower and instrument shack. We looked over their 100 foot tower and recording instrumentation which has been in operation since 1969. Temperature is measured at the 6-, 30- and 100-foot levels, wind is measured at the 100-foot level and net radiation is measured at the 30-foot level. All appeared to be in proper working condition. Earl discussed the meteorological monitoring program with Ed Kaplin and requested a complete log of the data recovery since the tower installation. We next hiked through the brush to look at the closest site boundary for Unit #3, approximately 330 meters to the gypsum plant property. This appears to be a modern plant with a separate office building and a large paved parking lot which contained an estimated 100 cars. (The exact number can be obtained later by inspection of photography taken by C. Ferrell and Joel Kohler.)

We then went to the Unit 3 reactor to look at the control room and emergency ventilation system to determine some of the answers to our latest questions to the applicant (dated Nov. 6, 1972). We entered the reactor complex through the lower elevation of the turbine building in which the turbines are presently being installed and climbed one level into the turbine hall area. The double doors to the control room were locked. None of our escorts or the contractor personnel in the area had keys to the control room so we were unable to enter. We were previously orally informed

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that the Unit 3 control room design was different from Unit 2 so we did not request to look at the other control room. We then learned that the existing meteorological data log which had been requested for our visit was not at the site but would be furnished to the staff later. R. Remshaw stated that they were unable to arrive at the same LOCA doses as the staff had estimated based on the use of Pasquill Type F meteorology and $u = 1.0$ meter/second. I indicated that we would request Dr. Roger Zavadoski to list our latest staff assumptions on spray and filter s which could be relayed to Con. Ed. by Herschel Spector, AEC Project Manager for Unit 3.

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 Site Analysis Branch
 Directorate of Licensing

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