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Thru: W. S. Bivins, Leader, Hydrologic Engineering Section, HMB, DSE

SITE VISIT TO THREE MILE ISLAND NUCLEAR PLANT

On June 29, 1976, I was accompanied by W. S. Bivins on a site visit to Three Mile Island Nuclear Station. The primary purpose of the trip was to view recent riprap repairs and to verify whether adequate erosion protection exists under all apparently bare areas, as stated by the applicant. We were accompanied by Mr. L. Narrow (ISE), in addition to several of the applicants' representatives.

After a brief orientation, we walked the entire length of the dikes. A two-man crew was made available to us to dig and probe into any area seeming to us not to contain adequate rock.

In the area of the intake structures the probes verify the existence of adequate erosion protection under the apparent bare areas, as stated by the applicant. There were, however, several areas (the biggest of which was about 1500 square feet) on the east levee which did not contain adequate riprap under the bare areas. Several test areas were probed and excavated. There was inadequate required size, thickness, or gradation. In addition, we noted that significant vegetation still exists on many areas of the dikes.

After viewing the dike repairs, we met with the applicant to discuss the results of our findings. The applicant agreed to inform us in the near future regarding additional dike repair and maintenance. Because of the unusual conditions which currently exist, we suggested that the applicant should develop some methods for inspecting the riprap and dikes, so that the same concerns do not occur during future inspections.

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