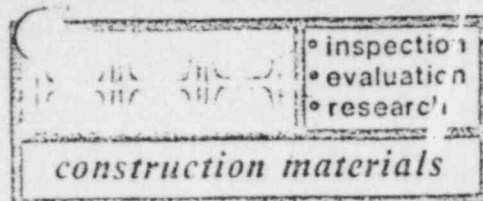


H. H. HOLMES TESTING LABORATORIES, INC.

• 170 Shepard Avenue • Wheeling, Illinois 60090 • Area Code 312 • 541-4040



- P.O. BOX 2184 ROCKFORD ILLINOIS AREA 815 633-9066
- 3868 MICHIGAN STREET EAST CHICAGO INDIANA

REPORT OF FIELD COMPACTION TESTS

CLIENT : COMMONWEALTH EDISON COMPANY

REPORT NO. 37

PROJECT : BYRON NUCLEAR POWER STATION, PRELIMINARY
SITE WORK, UNITS #1 & 2, P.O. #160890-SCD-84

DATE 6/20/75

TEST DATA:

Test No.	Date	Elevation	Soil ID Number	Maximum Lab Dry Density	W/C	In Place Dry Density	% Comp.	Comments
1	6/20/75	-3 1/4' Below Grade 867	44	139.3	8.1%	133.5	95.8%	2 A/S
2	6/20/75	-20' Below Grade 867	44	139.3	8.1%	137.3	98.6%	2 A/S
3	6/20/75	-3 1/4' Below Grade 867	44	139.3	7.6%	134.3	96.4%	2 A/S
4	6/20/75	-14 1/2' Below Grade 867	44	139.3	7.2%	134.0	96.2%	2 A/S
5	6/20/75	-11' Below Grade 867	44	139.3	8.0%	136.8	98.2%	2 A/S

TEST LOCATION:

1	Switchyard, 43+40N & 31+00E, Lift Thickness 6"
2	Switchyard, 43+80N & 28+00E, Lift Thickness 6"
3	Switchyard, 41+50N & 31+50E, Lift Thickness 6"
4	Switchyard, 41+00N & 27+70E, Lift Thickness 6"
5	Switchyard, 41+55N & 30+00E, Lift Thickness 6"

NOTES:

DENSITIES SHOWN: Lbs./Ft.³
WATER CONTENT : % of Dry Density
% COMPACTION : Based on Maximum Dry Density obtained on Sample indicated by Soil ID number

1. EMBANKMENT (FILL)
2. BACKFILL
3. BASE COURSE
4. SUBBASE

- A. TEST RESULTS COMPLY WITH SPECIFICATIONS
- B. RECOMPACTION REQUIRED
- C. TEST IS AFTER RECOMPACTION
- N. NUCLEAR METHOD
- D. RUBBER BALLOON METHOD
- S. SAND CONE METHOD

8408270284 840810
PDR ADOCK 05000454
E PDR

Robert E. [Signature]
H. H. HOLMES

- 1-Mr. A.W. Kleinrath
- 3-Mr. W.H. Donaldson
- 1-Mr. J. Deress
- 1-Sargent & Lundy