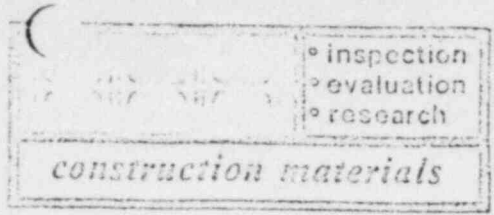




Jim a/4
R.G. 9/8/75
R.B. 9/8/75



W. ILLINOIS TESTING LABORATORIES, INC.

• 170 Shopp Road • Wheeling, Illinois 60090 • Area Code 312 • 541-4040
 • P.O. BOX 2184 ROCKFORD ILLINOIS AREA 815 633-5056
 • 3365 MICHIGAN STREET EAST CHICAGO INDIANA

REPORT OF FIELD COMPACTION TESTS

CLIENT : COMMONWEALTH EDISON COMPANY REPORT NO. 97
 PROJECT : BYRON NUCLEAR POWER STATION, PRELIMINARY DATE 8/11/75
 SITE WORK, UNITS #1 & 2, P.O. #160890-SCD-84

TEST DATA:

Test No.	Date	Elevation	Soil ID Number	Maximum Lab Dry Density	W/C	In Place Dry Density	% Comp.	Comments
1	8/11/75	-6" Below Grade 867	51	131.5	8.1%	129.2	98.1%	2 A/S
2	8/11/75	-6" Below Grade 867	51	131.5	8.1%	128.6	97.8%	2 A/S
3	8/11/75	At Grade 867	51	131.5	7.0%	127.1	96.7%	2 A/S
4	8/11/75	At Grade 867	51	131.5	8.5%	129.1	98.2%	2 A/S
5	8/11/75	At Grade 867	78	122.8	14.0%	118.2	96.3%	2 A/S
6	8/11/75	At Grade 867	78	122.8	12.8%	117.2	95.4%	2 A/S

TEST LOCATION:

1	Switchyard, 38+15N & 31+60E, Lift Thickness 6"	<i>SWITCHYARD</i> <i>SPEC. REQU. 95%</i>
2	Switchyard, 40+00N & 31+80E, Lift Thickness 6"	<i>OK</i>
3	Switchyard, 35+00N & 31+45E, Lift Thickness 6"	
4	Switchyard, 37+00N & 30+15E, Lift Thickness 6"	
5	Switchyard, 35+10N & 30+80E, Lift Thickness 6"	
6	Switchyard, 38+25N & 27+90E, 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

8408270296 840810
 PDR ADOCK 05000454
 E PDR

Mr. A.W. Kleinrath
 Mr. Kalwitz
 Mr. J. Deress
 Mr. Argent & Lundy

[Signature]
 H. H. HOLMES

ATTACHMENT B

BYRON SITE CONSTRUCTION PHOTOGRAPHS

P8/1/75C1 and P7/12/76D1





AREA OF
RECOVERY

UNITED STATES ARMY
MEDICAL DEPARTMENT
GENERAL INVESTIGATIVE
DIVISION
WASHINGTON, D. C.
MAY 19 1964