



N. N. HOLMES TESTING LABORATORIES, INC.

170 SHEPARD AVENUE • WHEELING, ILLINOIS 60090 • AREA CODE 312-341-0040

3354 MICHIGAN STREET • EAST CHICAGO, IND. 46312

1515 WINDSOR RD. • LOVES PARK, ILL. 61111 • P.O. BOX 2104 • ROCKFORD, ILL. 61111 • AREA CODE 312-399-0000

Report No. 20

May 30, 1975

Job No. CH 3655

File No. 4412.350

Commonwealth Edison Company
P.O. Box 767
Chicago, Illinois 60690

Re: Preliminary Site Work, Byron
Nuclear Power Station, Units
1 & 2, P.O. #160890-SCD-84

FIELD DENSITY TEST RESULTS

<u>Date Made</u>	<u>Dry Density (lbs./ft.³)</u>	<u>%Moisture</u>	<u>%Compaction</u>	<u>Location *</u>
5/19/75	127.3	9.2%	98.2%	Switchyard - 40+40N & 23+40 12' Below Grade 863
5/19/75	123.7	9.2%	95.6%	Switchyard - 39+65N & 31+70 8' Below Grade 863
5/19/75	125.1	8.1%	96.3%	Switchyard - 38+00N & 31+70 9' Below Grade 863
5/19/75	125.3	8.4%	98.2%	Switchyard - 39+30N & 23+70 12' Below Grade 863

Material: Medium Brown Silty Sand with Gravel & Clay

Optimum Density : 129.3#
Optimum Moisture: 11.7%

*Lift Thickness 6"

Respectfully submitted,

Richard E. Nelson, Jr.
President

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

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