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February 6, 2023

*Via Electronic Filing*

Ms. Tanowa Troupe  
Administration/Docketing  
Ohio Power Siting Board  
180 East Broad Street, 11<sup>th</sup> Floor  
Columbus, Ohio 43215-3793

**Re: Clean Energy Future–Trumbull, LLC**  
**Case No. 22-697-EL-BLN**

Dear Ms. Troupe:

On August 9, 2022, the Ohio Power Siting Board (“OPSB”) Staff issued a Report of Investigation approving the Letter of Notification. Clean Energy Future–Trumbull, LLC held a preconstruction meeting with Staff on January 20, 2023 for the purpose of commencing construction for the switchyard and electrical interconnection line. The attached preconstruction agenda was submitted to Staff prior to the January 20, 2023 meeting. In addition, the attachment contains the presentation to OPSB Staff during the preconstruction conference, providing additional details of the construction activities and compliance with certificate conditions.

The project will be commencing construction activities on or around February 13, 2023. If you have any questions please do not hesitate to contact me.

Sincerely,

Dylan F. Borchers

Attachment

Cc: Ashton Holderbaum (w/Attachment)

# M. J. ELECTRIC, LLC

## ELECTRICAL CONSTRUCTION SERVICES

### Trumbull Energy Center

- Ohio Power Siting Board (OPSB)
- Pre-Construction Conference
- Construction



INDUSTRIAL  
& POWER



PROCESS CONTROLS  
& INSTRUMENTATION



TRANSMISSION



DISTRIBUTION



SUBSTATION



RENEWABLE  
ENERGY



M&E DRILLING



ENERGIZED  
SERVICES



STORM  
RESPONSE



A QUANTA SERVICES COMPANY

# Welcome & Introductions

- OPSB Representatives
- CEF-T Representatives
- M. J. Electric/Realtime Utility Engineers
- City of Warren



# Agenda

- Introductions
- Safety Moment
- Project Team
- Overview
- Project Phases
  - Switch Yard
  - Collector Yard
  - Lead Line
- Certificate Condition Requirements
  - Prior to Construction
  - During Construction
- Lines of Communication
  - Erik Peterson 906- 221-6611
  - Chase LaFave 906-310-248
- Questions?





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# Safety Moment

**SAFETY FIRST!**



# Safety Moment

- Driving on Icy Roads



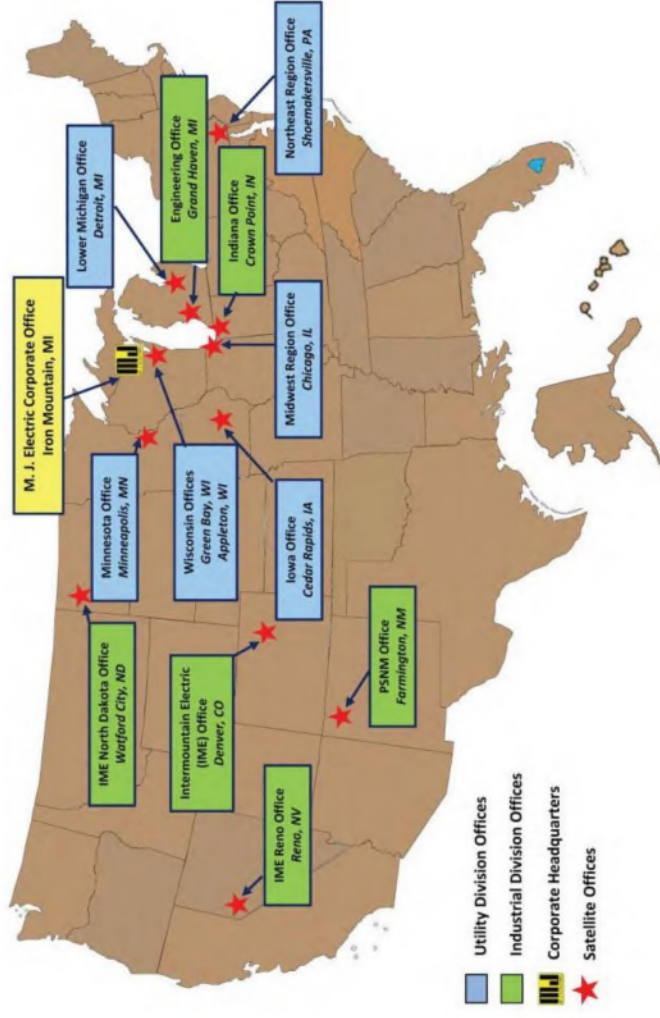


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# M. J. Electric, LLC

M. J. Electric, LLC invests in and fosters trusting relationships as we safely deliver electric transmission, substation, distribution, renewable energy, power, industrial, and concrete foundation construction services that increase the security, reliability, and capacity of our nation's infrastructure. Our customers experience the benefit of our local presence with a national reach.

Founded on integrity, we are committed to raise our industry's expectation for safety, quality, and project execution.



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## Vision – Mission – Values

### Vision:

Realtime's vision is to be the "best in class" provider of engineering services in the electric power industry.

### Mission:

Realtime's mission is to excel at understanding and meeting the needs of our clients, our employees, and our stockholders.

**For our clients**, we will provide engineering services, solutions, and designs that:

- utilize the latest, proven, advances in technology
- are of the highest level of quality and accuracy
- exceed our client's expectations for responsiveness, communication, and delivery

**For our employees**, we will manage an engineering organization that:

- adheres to safe operating practices
- creates opportunity for professional development and growth

**For our stockholders**, we will operate and grow our business that:

- is profitable and grows revenue year after year
- adheres to, and supports, the goals of our clients and our parent company, Quanta Service

### Values:

- Realtime is driven to meet the needs of our customers.
- We understand the needs of our customers and deliver superior services to meet those needs.
- Realtime employees respect each other, respect all of the employees across Quanta, and work together as a team in serving our clients.
- As a team, we pursue and achieve excellence in everything we do.
- We uphold the highest level of ethical standards, honesty, and integrity in everything we do and with everyone we interact with in the course of serving our clients and operating our business.





# Current Conditions

- Tree clearing is expected to be completed February 2022



[illegible]

# Traffic Management

- Road Coordination
- Site Specific Access Plans
  - Switch Yard
  - Collector Yard
  - Lead Line

## Traffic Management Plan

Trumbull Energy

Center

December 2022

Rev. 0

MJE Proposal Number: 25161073300

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Iron Mountain, Michigan 49801  
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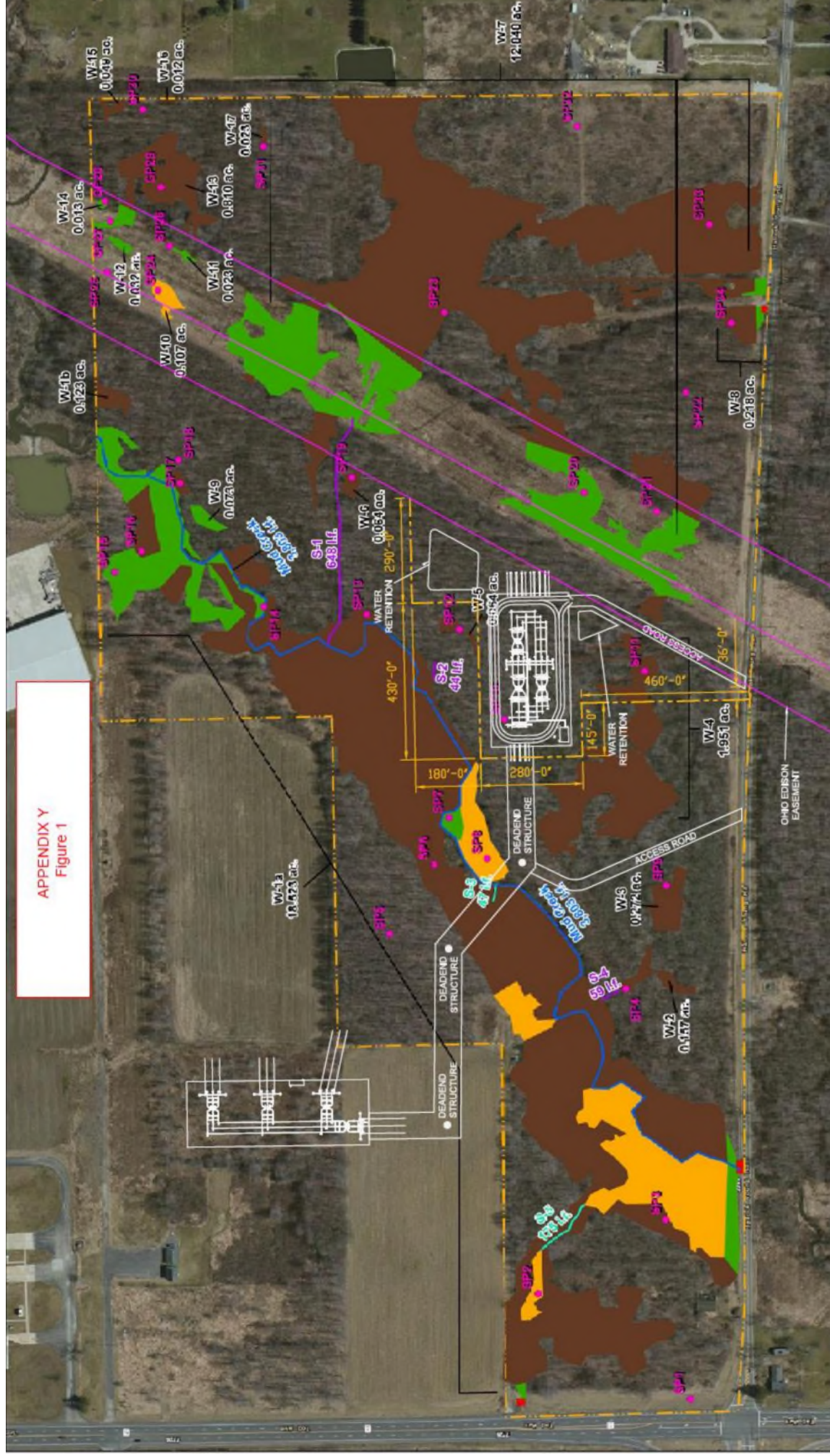
Transmission  
Power Generation  
Substation  
Industrial  
Distribution  
Renewable Energy  
MJE Drilling  
Instrumentation  
Storm Response







APPENDIX Y  
Figure 1



# Erosion and Sediment Control

- SWPPP inspections
  - Once a week
  - After a rain event of more than 1/2"
- Endangered Species
  - Report if encountered
- Spill Plan
  - Will be reported promptly
  - Will be fully cleaned-up to fulfill requirements

## SWPPP Plan

Trumbull Energy Center  
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# Vegetation Management

- All activities will be performed with conventional tools
- Plan will take effect after the construction of the transmission line is completed







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# Construction Phases

- **Switch Yard**

- Site Development/Earthwork
- Foundations
- Below Grade
- Above Grade
- Testing & Commissioning

- Above Grade
- Testing & Commissioning

- **Lead Line**

- Road Development/Earthwork
- Foundations
- Poles
- Wire

- **Collector Yard**

- Site Development/Earthwork
- Foundations
- Below Grade





# Safety

## RULES TO LIVE BY

*Our Vision is to be an injury-free workplace. The "Rules To Live By" are a fundamental building block for achieving our vision and are embraced as a core company value. The rules focus on critical areas of safety, controls, and if neglected have the potential to cause serious injury or death to employees, customers, vendors or members of the public.*

*Our Goal is to create an environment where there is no tolerance for willfully bypassing or ignoring any Safety Policy and where each employee is taking every step to ensure their safety and the safety of all their co-workers.*

We ask that every M. J. Electric employee understand, support, and 'speak up' to ensure the "Rules To Live By" are practiced every time.

*Non-compliance with the 10 listed items/MJE policies below could have serious consequences to employees and the public, including fatalities. M. J. Electric will take action for those that choose to violate the "Rules To Live By", including disciplinary action up to and including dismissal.*

1. The Testing and Grounding of Every Line We Work On
2. Rubber Gloves and Sleeves Policy
3. LOTO (Lock Out Tag Out Policy)
4. FR Clothing Policy
5. Fall Protection Policy
6. Entering an Excavation without following MJE's Excavation Policy
7. Entering a Confined Space without following MJE's Confined Space Policy
8. Vehicle Usage Policy
9. MJE's Substance Abuse Policy
10. Being Under the Influence of Drugs or Alcohol



***Our commitment is to provide a  
safe work place and to ensure that  
Everyone Goes Home Safely Every Day***



# Emergency Response

- Emergency Contacts
- Emergency Policies & Procedures

## Emergency Action Plan

Trumbull Energy Center

December 2022

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Storm Response



# Complaint Resolution

- Contact Plan
- Procedure
- Complaint Form

## Complaint Resolution Procedure

Trumbull Energy Center

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# OPSB Certificate Conditions

- Prior to Construction

- Condition 1
  - Prior to the commencement of construction activities in areas that require permits or authorizations by federal or state laws and regulations, the Applicant shall obtain and comply with such permits or authorizations. The applicant shall provide copies of permits and authorizations, including all supporting documentation, on the case docket prior to commencement of construction. Any permit violation received by the applicant from the permitting agency shall be provided on the case docket within seven days of receipt.







# Schedule

Project Name:EIG Trumbull Energy Center Project ID:25161073300-2						
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TASK filter: < 100% Complete.						
Data Date:31-Oct-22 Page 1 of 4						
Activity Name						
EIG Trumbull Energy Center						
Contract						
Milestones						
General						
CTMS1030 Notice to Proceed						
CTMS1040 Contractor Kickoff Meeting						
CTMS1230 OPSB Presentation						
CTMS1240 Start Engineering						
CTMS1060 Collector Bus Area Available for Mobilization						
CTMS1070 Collector Bus Area Rough Grade Complete and Made Available to Co						
CTMS1080 Access to GSU Area for Collector Bus Tower Foundations and other V						
CTMS1050 Start Construction						
CTMS1210 CTG 1 Mat and Pedestal Foundation Complete						
CTMS1220 CTG 2 Mat and Pedestal Foundation Complete						
CTMS1090 GGU Area Ready to Set Deadend Steel						
CTMS1200 Station Service Setup Done						
CTMS1250 Plant Construction Complete and Ready for Backfeed						
Guaranteed						
CTMS1100 Guaranteed Ready for Backfeed						
CTMS1110 Guaranteed Substantial Completion						
CTMS1120 Guaranteed Final Completion						
Owner Permits						
CIPRMT1000 Ohio History Connect						
CIPRMT1010 US Army Corps of Engineers						
CIPRMT1020 US Fish and Wildlife Service						
CIPRMT1030 Ohio Power Sling Boards						
CIPRMT1040 Ohio Department of Natural Resources						
Engineering						
Procurement						
Construction						
General						
Plans						
Mobilization Plan						
A7200 Prepare and Submit						
A7210 Receive Comments						
A7220 Incorporate Comments						
A7230 Final Approval						
Inspection and Testing Plan						
A7280 Prepare and Submit						
A7290 Receive Comments						





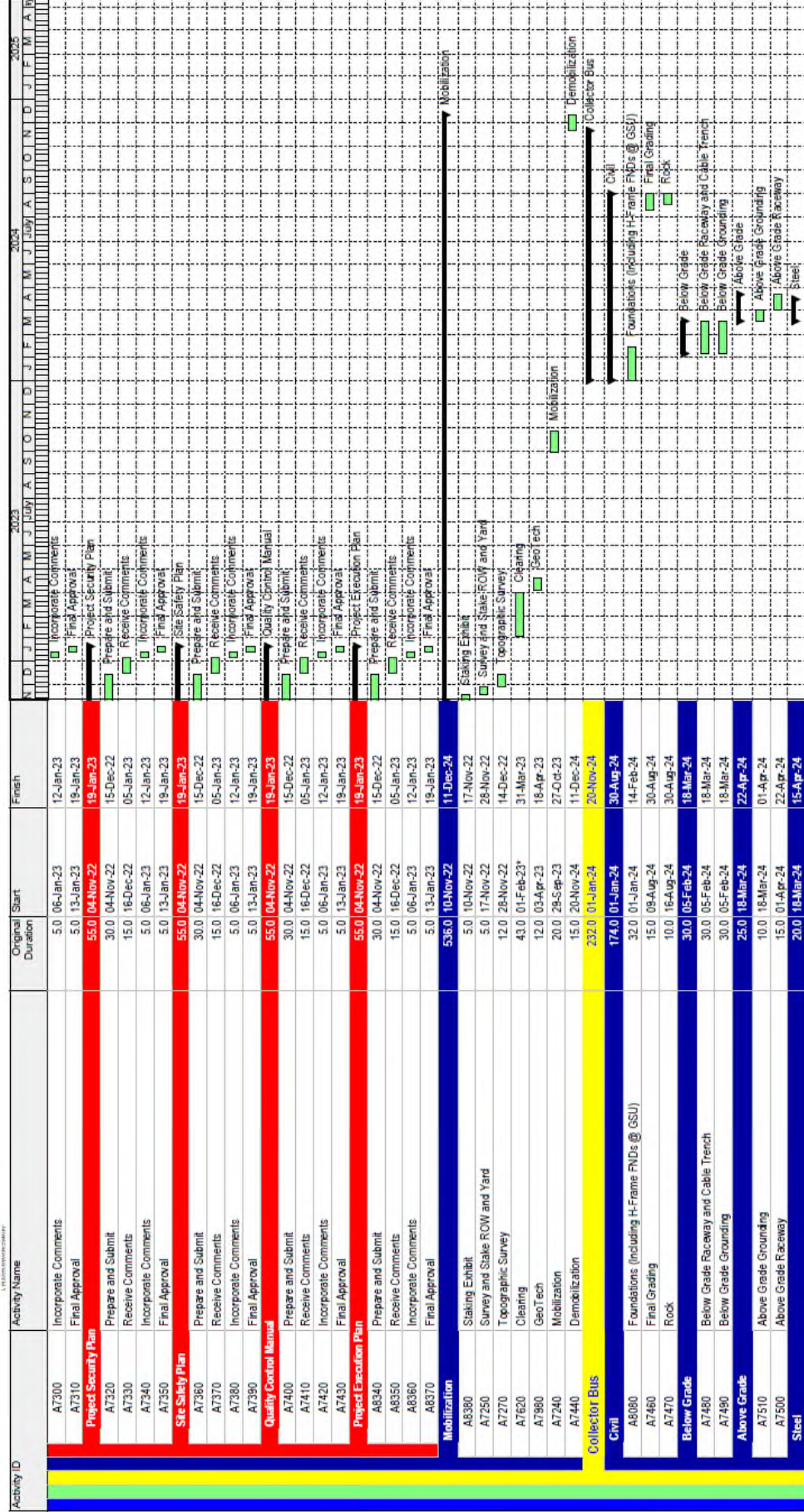
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# Schedule

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Project ID: 25161073300-2



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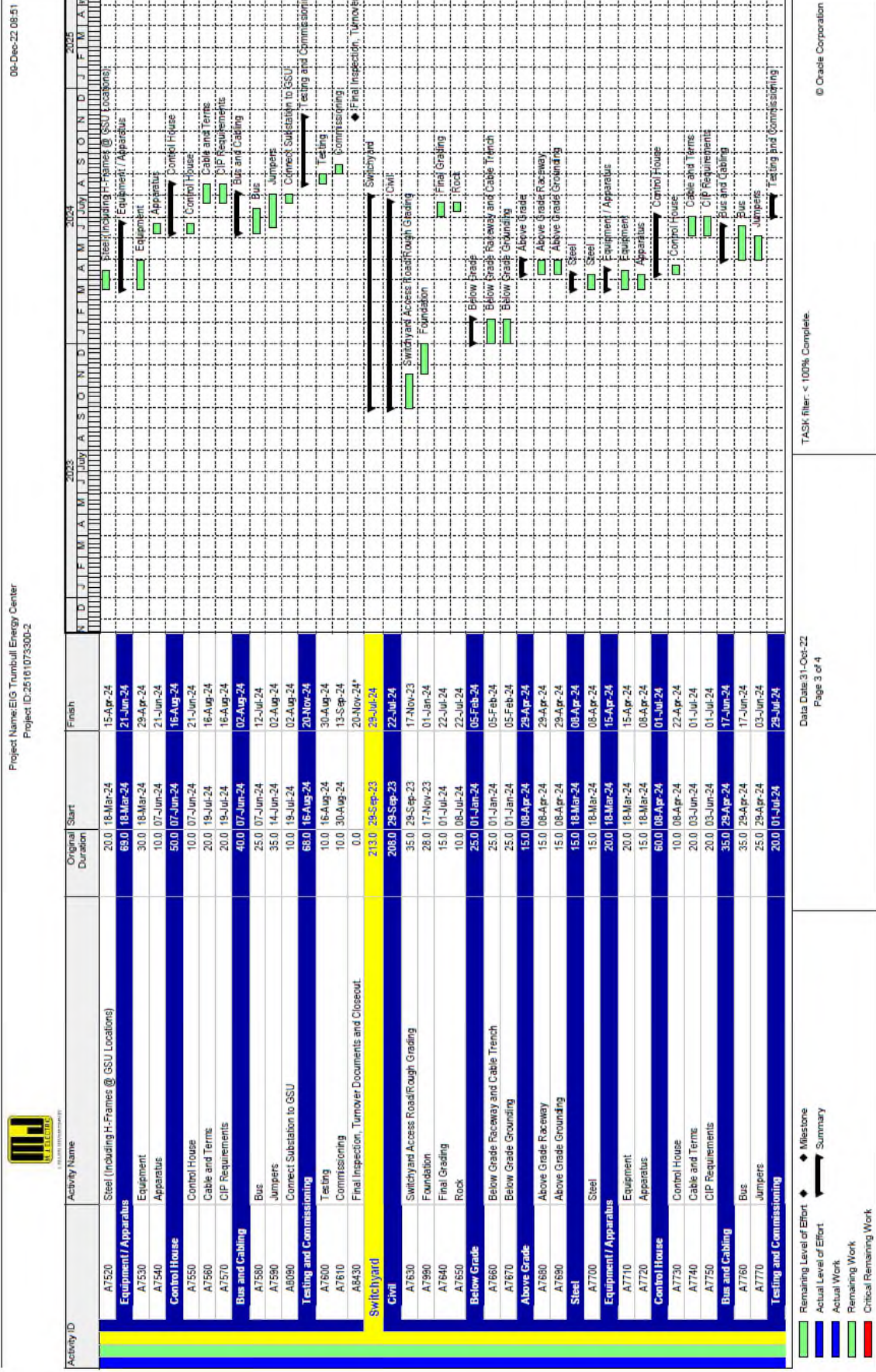






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# Schedule







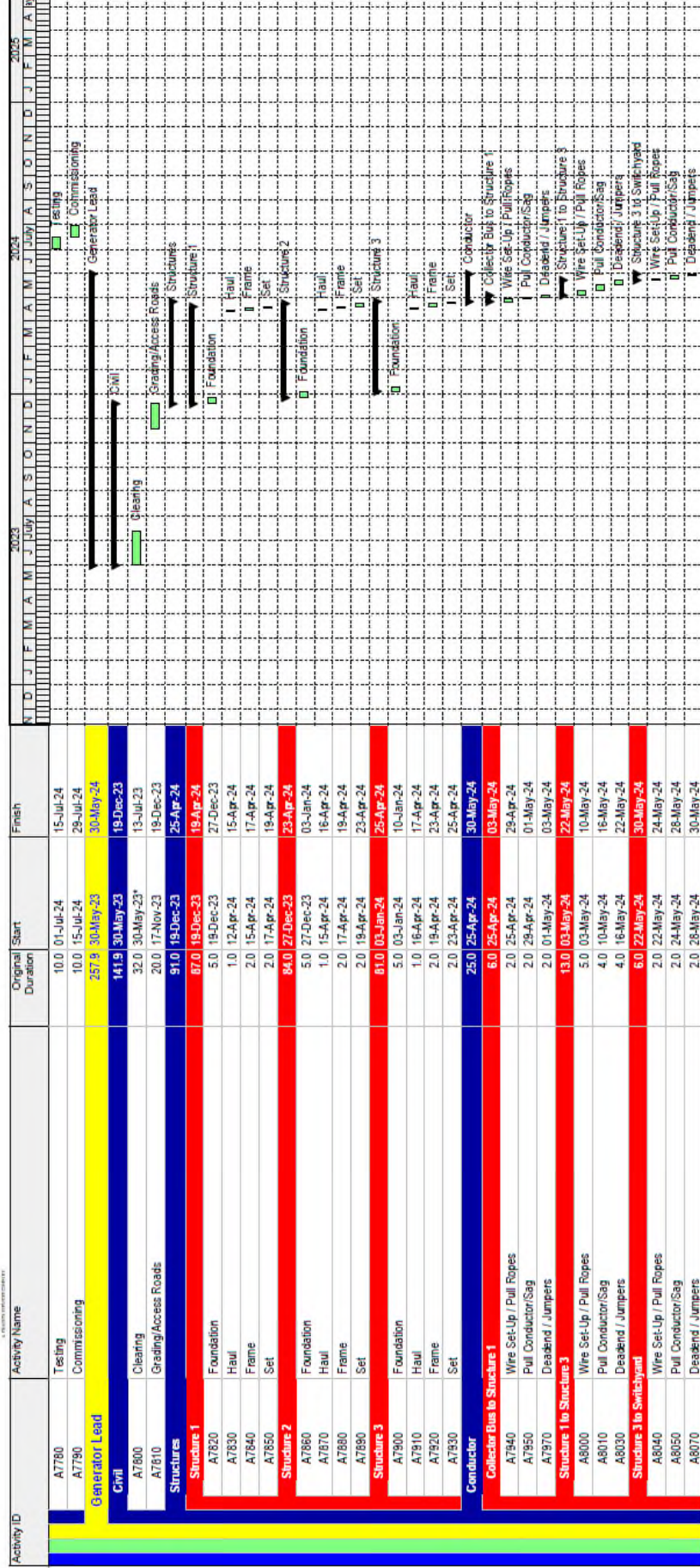
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# Schedule

Project Name: EIG Trumbull Energy Center  
Project ID: 25161073300-2



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Legend: Remaining Level of Effort (Green), Actual Level of Effort (Blue), Actual Work (Red), Remaining Work (Green), Critical Remaining Work (Red). Milestone (Diamond), Summary (Arrow).

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Page 4 of 4

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- During Construction

- Condition 2
  - Coordinate with U.S Fish & Wildlife Service, Ohio Department of Natural Resources, and staff to assure impacts to bat species are minimized
- Condition 3
  - Construction Hour Limitations
    - 7 AM – 7 PM or until Dusk when sunset occurs after 7 PM
    - Impact pile driving, Hoe ram, and blasting operations, if required, shall be limited to the hours of 10 AM to 5PM Monday through Friday
    - Construction activities that do not involve noise increases above ambient levels at sensitive receptors are permitted outside of daylight hours when necessary
- Condition 5
  - Applicant Shall not conduct mechanized clearing or stump removal within 25 feet of any stream or channel

# Communication

Andy Hoffman – Operations Manager

906-282-4962

[ahoffman@mjelectric.com](mailto:ahoffman@mjelectric.com)

Chase LaFave– Senior Project Manager

248-310-9430

[cclafave@mjelectric.com](mailto:cclafave@mjelectric.com)

Erik Peterson – EPC Project Manager

906-221-6611

[epeterson@mjelectric.com](mailto:epeterson@mjelectric.com)





# Trumbull Energy Center

**Thank You!**

**Questions?**

Safe Travels





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# Traffic Management Plan

Trumbull Energy

Center

December 2022

Rev: 0

Transmission  
Power Generation  
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## **Trumbull Energy Center**

### **Locations**

Switch Yard

- 1500 Hallock Young Rd, Warren, OH 44481

### **Contacts**

Chase LaFave – Senior Project Manager

- Cell: 248-310-9430
- Email: cclafave@mjelectric.com

Andy Hoffman – Operations Manager

- Cell: 906-282-4962
- Email: ahoffman@mjelectric.com

Erik Peterson – EPC Project Manager

- Cell: 906-221-6611
- Email: epeterson@mjelectric.com

Chris Patterson – Superintendent

- Cell: 906-221-3575
- Email: cpatterson@mjelectric.com

Gerald Lipowski – Construction Manager

- Cell: 906-282-4900
- Email: glipowski@mjelectric.com

Mark Phillips – Safety Representative

- Cell: 248-840-1421
- Email: mphillips@mjelectric.com

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## Road Coordination

### **Access from I-80 to Job Locations:**

#### **From I-80 (Ohio Turnpike) Southbound to Switch Yard**

While traveling southbound on I-80, take exit 215 to exit toll road. Continue straight through the intersection onto Hallock Young Rd. Follow Hallock Young Rd and you will come to the gravel drive to the site. There will be signage at the start of the gravel road indicating the site and where to go.

#### **From I-80 (Ohio Turnpike) Southbound to Collector Yard**

While traveling southbound on I-80, take exit 215 to exit toll road. Continue straight through the intersection onto Hallock Young Rd. Follow Hallock Young Rd for approximately 2 miles to the intersection of Hallock Young Rd and Tod Ave. Turn left onto Tod Ave and head north approximately .25 miles where the entrance to the site will be located on the right.







## **Site Specific Access Plans:**

### **Switch Yard**

#### **Site Access**

- There will be signs off of Hallock Young Rd showing the entrance drive to the site location.
- Follow the gravel drive approximately 0.30 miles to the switch yard access drive.
- At the end of the switch yard access drive there will be a fence gate.

#### **Site Layout & Storage**

- Material storage areas will be along the north fence line and south fence line. Along with multiple connex boxes along the east fence line.
- Once you enter the west gate, the job trailer will be along the west fence.
- The porta john's will be adjacent to the job trailer.
- Bulk fuel tank will be in the south east corner of the yard. It will be properly barricaded with concrete jersey barricades.
- Site parking will be on the west fence line near the job trailer.

#### **Traffic Flow**

- There will be personal vehicle use by employees on Hallock Young Rd around 7am and 5:30pm every day. Employees will be informed of the proper speed limit of that road

### **Signage**

Contractor will implement signs to clearly mark the entrance of site locations. Signage will also identify the site office and parking areas for all personnel, visitors, and emergency vehicles.

### **Speed Limit**

While on the road ways obey all posted, local, state and federal laws pertaining to the driver and vehicle. Within the job area follow their posted speed limit signs (10mph).

### **Parking**

Employees must park in the designated employee parking areas.

### **Deliveries**

All deliveries must call General Foreman 1hr prior to delivery. Deliveries must stop at designated point of all job sites and cannot precede any farther without the permission of the General Foreman.



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# SWPPP Plan

Trumbull Energy Center

December 2022

Rev: 0

Transmission

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Substation

Industrial

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**FINAL  
GEOTECHNICAL SUBSURFACE INVESTIGATION  
PROPOSED TRUMBULL ENERGY PROJECT  
LORDSTOWN, OHIO**

**FOR**

**FLUOR CONSTRUCTORS INTERNATIONAL, INC.  
3 POLARIS WAY  
ALISO VIEJO, CALIFORNIA 92698**

**SUBMITTED**

**FEBRUARY 28, 2017  
TTL PROJECT NO. 14837.02**

**TTL ASSOCIATES, INC.  
1915 NORTH 12TH STREET  
TOLEDO, OHIO 43604  
(419) 324-2222  
(419) 321-6257 fax**



## EXECUTIVE SUMMARY

This geotechnical subsurface investigation report has been prepared for the Trumbull Energy Project, a proposed gas-fired electrical generating plant to be constructed in Lordstown, Ohio. The site is approximately 21 acres in size, with a rectangular shaped footprint encompassing roughly 1,200 feet by 800 feet of laydown area for the Lordstown Energy Center under construction at the time of our investigation. This investigation included 14 test borings, 4 Cone Penetration Test (CPT) soundings, 3 downhole seismic CPT (SCPT) soundings, 5 test pits, 4 field electrical resistivity tests, and one field percolation test, laboratory testing, and engineering evaluations for foundations for the proposed facility.

1. The site is bounded by Lordstown Energy Center and Henn Parkway to the north, commercial development to the northeast, a wooded area and Mud Creek to the east and south, a former agricultural area to the southwest (currently being utilized as construction parking and temporary fill mound placement), a former residence to the west, and a commercial development to the northwest, with Tod Avenue (State Route 45) further to the west.
2. The surface materials consisted of crushed stone, with topsoil encountered in one boring.
3. Based on the results of our field and laboratory tests, the subsoils encountered underlying the surface materials consisted of cohesive glacial till deposits to depths ranging from 12 to 19 feet below existing grades (approximate Elevs. 953 to 946), underlain by shale bedrock.
4. Using Terzaghi's bearing capacity formulas and a nominal Factor of Safety (FoS) of 3, shallow foundations may be designed utilizing a net allowable bearing pressure of 4,500 pounds per square foot (psf) for strip and square footings. A gross allowable bearing pressure of 5,000 psf may be utilized for mat foundation design. Our evaluations, considering Boussinesq stress distribution beneath the foundation, indicate total settlement should not exceed 1 inch for the proposed buildings and the majority of the proposed equipment. However, for each HRSG stack, total settlement was calculated on the order of  $\frac{3}{4}$  inch to  $1\frac{1}{4}$  inch using a gross allowable bearing pressure of 5,000 psf with a 30-foot diameter mat foundation. The bearing materials should be field-verified as being native lean clay (CL) having a minimum unconfined compressive strength of 4,500 psf, or properly placed and compacted new engineered fill. In using these relatively high allowable bearing pressures, new engineered fill must consist of dense-graded aggregate, such as Ohio Department of Transportation (ODOT) Item 304.
5. For mat foundation design, we recommend a subgrade modulus (k) of 150 pounds per cubic

inch (pci).

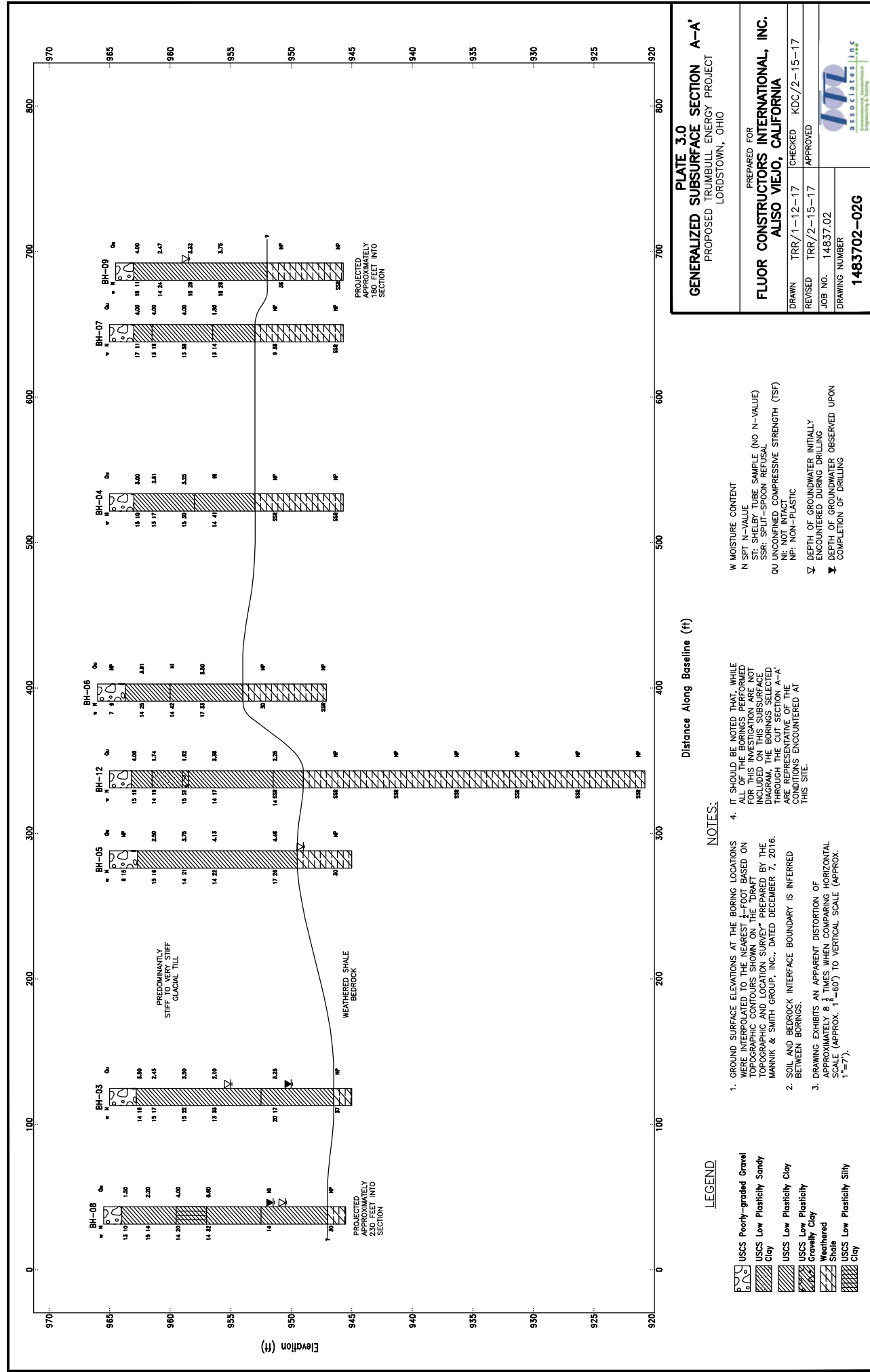
6. Following the satisfactory completion of the site preparation and footing excavation inspections outlined in this report, using Terzaghi's bearing capacity formulas and a nominal Factor of Safety (FoS) of 3, the proposed ringwall foundations may be designed utilizing a net allowable bearing pressure of 4,500 pounds per square foot (psf). The tank bottom slabs may be designed using an allowable bearing pressure of 5,000 psf. Based on the allowable bearing pressure of 5,000 psf, total settlement at the center of a tank with a 36-foot diameter was calculated using Boussinesq stress distribution beneath the tank bottom to be on the order of 1 to 1¾ inches. In all cases, suitable bearing should be field-verified as having a minimum unconfined compressive strength of 4,500 psf, or properly placed and compacted new engineered fill. In using these relatively high allowable bearing pressures, new engineered fill must consist of dense-graded aggregate, such as Ohio Department of Transportation (ODOT) Item 304.
7. Where heavily loaded structures are planned, or where building and equipment settlement tolerances are particularly sensitive, it is likely that foundations will need to consist of drilled shafts. Based on the shale bedrock at the site, we recommend that piers bear within the native cohesive soils or on rock, with an allowable end-bearing pressure of 10 kips per square foot (ksf).
8. Based on the SPT N-values determined for the overburden soils at the site and consideration of rock below 15 feet, the average SPT  $N_{ch}$ -value for the overall profile was calculated to be approximately 68 blows per foot (bpf). This average SPT  $N_{ch}$ -value greater than 50 bpf is indicative of Site Class C, "Very Dense Soil and Soft Rock," in accordance with ASCE 7-10 Table 20.3-1 criteria.
9. Based on SCPT test results, and accounting for an average of approximately 85 feet of bedrock, the weighted average shear wave velocity for the entire profile was determined to be approximately 1,725 feet per second (fps), using relatively conservative assumed shear wave velocity ( $v_s$ ) in the rock of 2,500 fps. A weighted average shear wave velocity less than 2,500 fps and greater than 1,200 fps is also indicative of a Site Class C designation.
10. Based on the results of the laboratory testing and visual classifications, we recommend a subgrade CBR value of 5 percent for flexible pavement design for the Group A-6b or better soils. This CBR value is based on subgrade compacted to at least 100 percent of the maximum dry density as determined by ASTM D 698 (Standard Proctor) or verified as stable through proof rolling.

11. For properly prepared subgrade soils, a modulus of subgrade reaction (k) of 135 pounds per cubic inch (pci) may be used for rigid pavement design. This section should consist of a minimum of 6 inches of reinforced, air-entrained concrete with a minimum compressive strength of 3,500 pounds per square inch (psi) underlain by a minimum of 6 inches of a dense-graded aggregate base such as ODOT Item 304. The pavement section should be supported on subgrade compacted to at least 100 percent of the maximum dry density as determined by ASTM D 698 (Standard Proctor) or verified as stable through proof rolling.
12. Based on the composite of the data from the tested samples, it is our opinion that the on-site soils do not represent a significant corrosion risk to buried structural concrete or underground utilities. Based on all of the test data, it is our opinion that there is low to moderate potential for corrosion in underground ductile iron pipe. In any case, if underground ductile iron pipe is planned for this project, it may be prudent to provide corrosion protection, or alternately, consideration should be given to other types of piping.
13. Subgrade preparation at the site should consist of removing vegetation, root systems, and other deleterious non-soil materials from the proposed construction area. Suitable topsoil stripped from the areas of buildings and structures may be stockpiled for later use in landscaped areas. Based on the predominance of crushed stone surface materials encountered throughout much of the site, topsoil quantities may be limited.
14. It is our opinion that “normal” long-term groundwater levels will be generally encountered at depths of approximately 12 feet or deeper, corresponding to approximate Elev. 953 or lower. It is our experience that adequate control of groundwater seepage, perched water, or surface water run-off into shallow excavations should be achievable by minor dewatering systems, such as pumping from prepared sumps.

This executive summary highlights our evaluations and recommendations and should only be utilized in conjunction with the accompanying report, including the detailed findings, conclusions, and qualifications presented herein.









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# Complaint Resolution Procedure

Trumbull Energy Center

December 2022

Rev: 0

Transmission  
Power Generation  
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Industrial  
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Renewable Energy  
MJE Drilling  
Instrumentation  
Storm Response

MJE Proposal Number: 25161073300

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## Complaint Resolution Procedure

### INTRODUCTION AND PROJECT SUMMARY

- Construction duration: 94 weeks.
- Construction schedule: February 6, 2023 thru November 20<sup>th</sup>, 2024
- Anticipated work days and hours: 5 days per week, 10 hours per day. 7:00 am to 5:30 pm

### LOCAL CONTACT /OUTREACH PLAN

- We will notify the City of Warren one week prior to mobilization to the site. We will also notify the City of Warren one week prior to de-mobilizing from the site.
- We will post a sign with the MJ logo and contact information at the road entrance. The sign will be clearly labeled with contact information for inquiries and information.
- Any complaints received through the B&V complaint program related to MJ activities will be communicated to MJ and will be addressed according to our plan

### ANTICIPATED NOISE IMPACTS

- Construction Phase
  - Noise related to substation construction is anticipated to be less than 60 dBA at existing residences.
  - Noise complaints for which validly measured operational noise levels exceed 60 dBA will be investigated and resolved through the complaint resolution process and mitigated to the extent possible for resolution.
- Operation Phase
  - Ownership of the Switchyard will transfer post-COD and noise complaints related to Operations will be directed to First Energy.
  - The sound level contribution from the switchyard would be less than .1 dB and 0 dB within a ¼ mile of the site

### COMPLAINT RESOLUTION PROCESS

- Response time
  - All complaints responded to within 24 hours of receipt of complaint, except when received on weekends or holidays, in which they will be responded to by the end of the next business day
- Follow up investigation
  - MJ representative will contact the complainant to investigate the nature of the complaint.
- Resolution
  - MJ will negotiate an acceptable resolution to the complaint
- Form completion
  - Complaints, investigation results and resolutions will be documented on the attached Complaint Resolution Form.
  - Both parties will sign the form, documenting successful resolution of the complaint

### COMPLAINT RECORDS KEEPING

- LEC will communicate the status of any complaints received related to Switchyard construction to Staff monthly. Once the ownership of the Switchyard is transferred to First Energy, such communications will be the responsibility of First Energy. Should LEC receive any complaints after the transfer, LEC will convey those complaints to First Energy.
- During construction, complaint forms will be maintained on site and will be submitted to the project team on a monthly basis.

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Project Name: \_\_\_\_\_ Date Complaint Received: \_\_\_\_\_

Time Received: \_\_\_\_\_

**COMPLAINANT INFORMATION:**

Name: \_\_\_\_\_ Address: \_\_\_\_\_

City/State: \_\_\_\_\_ Phone No. \_\_\_\_\_

1. **Nature of Complaint** \_\_\_\_\_

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2. **Investigation Findings** \_\_\_\_\_

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3. **Complaint Resolution** \_\_\_\_\_

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4. **Misc. Comments** \_\_\_\_\_

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Attempts to Contact: (Date & Time) \_\_\_\_\_

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MJ Representative: \_\_\_\_\_ Date: \_\_\_\_\_

Complainant: \_\_\_\_\_ Date: \_\_\_\_\_



A QUANTA SERVICES COMPANY

# Emergency Action Plan

Trumbull Energy Center

December 2022

Rev: 0

Transmission  
Power Generation  
Substation  
Industrial  
Distribution  
Renewable Energy  
MJE Drilling  
Instrumentation  
Storm Response

MJE Proposal Number: 25161073300

M. J. ELECTRIC, LLC  
200 West Frank Pipp Drive | PO Box 686  
Iron Mountain, Michigan 49801  
P: 906.774.8000 | F: 906.779.4217  
[www.mjelectric.com](http://www.mjelectric.com)





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# Emergency Action Plan

**Project Name:** Trumbull Energy Center

**Project Address:** 1500 Hallock Young Rd, Warren, OH 44481

## EMERGENCY CONTACTS:

- **Project Manager:** Chase LaFave 248-310-9430
  
- **Fire & Rescue Squad (Local):**
  - **Name:** Lordstown Fire Dept
  - **Address:** 1595 Salt Springs Rd, Warren, OH 44481
  - **Phone:** 330-824-3795
  
- **Medical Facility – Emergency**
  - **Name:** Mercy Health – St. Elizabeth Hospital
  - **Address:** 1044 Belmont Ave, Youngstown, OH 44501
  - **Phone:** 911
  
- **Occupational Health Clinic – Non-Emergency / Drug/Alcohol Testing**
  - **Name:** Accord Occupational Health
  - **Address:** 7067 Tiffany Blvd #270, Youngstown, OH 44514
  - **Phone:** 330-758-4990
  
- **State Police**
  - **Name:** OH State Highway Patrol
  - **Address:** 9423 OH-45, Lisbon, OH 44432
  - **Phone:** 911
  
- **Local Police / Sheriff**
  - **Name:** Lordstown Police Department
  - **Address:** 1583 Salt Springs Rd, Warren, OH 44481
  - **Phone:** 330-824-2545



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# Emergency Action Plan

## ON-SITE COMMUNICATION METHODS:

The following may be utilized on-site to report and maintain communication during emergencies:

<input checked="" type="checkbox"/> Cell Phone	<input type="checkbox"/> Satellite Phone	<input checked="" type="checkbox"/> Hand Signals	<input checked="" type="checkbox"/> Air Horn/Siren
<input checked="" type="checkbox"/> 2-Way Radio/CB	<input checked="" type="checkbox"/> Verbal	<input type="checkbox"/> Smoke/Flares	<input type="checkbox"/> Other:

## SITE LOCATIONS:

**Muster Area:** All employees shall meet in office trailer.

**Tornado Shelter:** Meet in the Office trailer. General Foreman will perform a head count to verify all employees are accounted for. If emergency permits, take shelter at:

Howland Branch Library – 9095 East Market St, Warren, OH 44484

**Lightning/Severe Weather Shelter:** Meet in the Office trailer. General Foreman will perform a head count to verify all employees are accounted for. Employees will then leave the station and return to work the next day or when it is determined safe.

**Fire Emergency:** In office trailer (Unless it is the office trailer then employees shall meet in the trade parking on the southeast corner of station.)

**Site Evacuation Route:** In office trailer, General foreman will perform a head count to verify all employees are accounted for. Once all present the General Foreman will provide further instructions.

**Material Safety Data Sheets (MSDS/FDS):** In Office Trailer

**First Aid Supplies:** In office trailer and foreman's trucks.

## EMERGENCY PROCEDURES:

### **Emergency:**

1. Secure the scene.
2. Notify the MJE Electric Project Manager by phone.
3. General Forman will Notify Customer Field Representative by phone.
4. Complete the MJE "First Report of Incident" Form and send to Iron Mountain before the end of the day.
5. Investigate cause and write-up MJE Incident Report Form with Project Manager explaining the cause of the accident and precautions that will be taken to ensure that it does not happen again.
6. Communicate incident with all contractor crews.

### ▪ **Event requiring more than first aid:**

1. Stabilize accident victim and secure accident scene
2. Call 911.
3. General Foreman or crew shall appoint employee to meet emergency services at the gate at intersection of Melita Rd and Webster Rd. Then employee shall direct emergency services to the





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## Emergency Action Plan

- scene.
  - 4. Notify the MJE Electric Project Manager by phone.
  - 5. MJE Project Manager will Notify Customer Field Representative, MJE Project Manager and MJE Safety Representative by phone.
  - 6. Complete the MJE "First Report of Incident" Form and send to Iron Mountain before the end of the day.
  - 7. Investigate cause and write-up MJE Incident Report Form with Project Manager explaining the cause of the accident and precautions that will be taken to ensure that it does not happen again.
  - 8. Communicate incident with all contractor crews.
- **First Aid:**
    - 1. Stabilize accident victim and secure accident scene.
    - 2. Notify the MJE Electric Project Manager by phone.
    - 3. General Foreman will Notify Customer Field Representative by phone.
    - 4. Complete the MJE "First Report of Incident" Form and send to Iron Mountain before the end of the day.
    - 5. Investigate cause and write-up MJE Incident Report Form with Project Manager explaining the cause of the accident and precautions that will be taken to ensure that it does not happen again.
    - 6. Communicate incident with all contractor crews.
- **Fire/Explosion:**
    - 1. The whole crew will meet in the office trailer. (If the office trailer is on fire meet in the trade parking lot on the southeast corner of the station)
    - 2. General Foremen will perform head count on crew.
    - 3. Call fire department.
    - 4. If possible secure the scene. (Fire extinguishers in Conex Boxes/Office trailer/in trucks)
    - 5. Notify the MJE Electric Project Manager by phone.
    - 6. General Foreman will Notify Customer Field Representative by phone.
    - 7. Complete the MJE "First Report of Incident" Form and send to Iron Mountain before the end of the day.
    - 8. Investigate cause and write-up MJE Incident Report Form with Project Manager explaining the cause of the accident and precautions that will be taken to ensure that it does not happen again.
    - 9. Communicate incident with all contractor crews.
- **Severe Weather:**
    - 1. Crew members shall meet in the office trailer. General Foreman will perform a head count to verify all employees are accounted for. Once all present employees the General Foreman will release the crews from work for the day. Crew member will return the following working day. For tornadoes: shelter at Howland Branch Library – 9095 East Market St, Warren, OH, 44484
- **Fall Rescue Plan:** See Attached Fall Rescue Plan
    - 1. Secure the scene.



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## Emergency Action Plan

2. Determine appropriate procedures to take for aiding the employee. Refer to MJE Safety manual for Pole Top Rescue – Aerial Basket, or Down Hole Rescue.
  3. Notify the MJE Electric Project Manager by phone.
  4. MJE PM to notify the owner of property damage so it can be corrected.
  5. General Forman will Notify Customer Field Representative by phone.
  6. Complete the MJE “First Report of Incident” Form and send to Iron Mountain before the end of the day.
  7. Investigate cause and write-up MJE Incident Report Form with Project Manager explaining the cause of the accident and precautions that will be taken to ensure that it does not happen again.
  8. Communicate incident with all contractor crews.
- **Dig-in:**
    1. Secure the scene.
    2. Notify the MJE Electric Project Manager by phone.
    3. MJE PM to notify the owner of property damage so it can be corrected.
    4. General Forman will Notify Customer Field Representative by phone.
    5. Complete the MJE “First Report of Incident” Form and send to Iron Mountain before the end of the day.
    6. Investigate cause and write-up MJE Incident Report Form with Project Manager explaining the cause of the accident and precautions that will be taken to ensure that it does not happen again.
    7. Communicate incident with all contractor crews.
  - **Spill:**
    1. Secure the scene.
    2. Use spill kits and pools to contain and clean the spill.
    3. Dispose of contaminated materials properly.
    4. Notify the MJE Electric Project Manager by phone.
    5. General Forman will Notify Customer Field Representative by phone.
    6. Complete the MJE “First Report of Incident” Form and send to Iron Mountain before the end of the day.
    7. Investigate cause and write-up MJE Incident Report Form with Project Manager explaining the cause of the accident and precautions that will be taken to ensure that it does not happen again.
    8. Communicate incident with all contractor crews.
  - **EVENT REPORTING:**
    - When working for MJE Transmission Engineering and Project Services, once the scene is secure, Contractor shall report all events immediately utilizing the MJE procedures for event reporting. Events of a more serious nature shall also be reported immediately (verbal reporting is sufficient). Events of a more serious nature include, but are not limited to, injuries requiring transport to a hospital or other medical facility



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## Emergency Action Plan

and customer outages. Following initial notification, standardized incident reports shall be completed and submitted.

- An initial written report shall be submitted by 8:00 am the following day. Within 48 hours, Contractor shall submit an in depth written report.
- When working for MJE, once the scene is secure, Contractor shall report all events immediately. Following initial notification, standardized incident reports shall be completed and submitted.
- An initial written report shall be submitted by 8:00 am the following day. Within 48 hours, Contractor shall submit an in depth written report.
- All environmental spills must be reported immediately to the MJE General Foreman and Project Manager as appropriate.

### **DRUG/ALCOHOL TESTING:**

- All Contractor and its subcontractor employees must complete and pass the following drug/alcohol testing:
  - MJE Pre-Employment (48 hours or less prior to first employment on an MJE site)
  - Post Event (within two hours) on all employees involved in any safety related event
  - Random
  - Reasonable Suspicion
- Screening substances and their associated cut-off limits will be the same as listed in the applicable General Terms and Conditions. Contractor shall incur all costs associated with the drug testing identified in this section.
- Contractor shall share test results with Owner upon request to the extent allowed by applicable federal, state, or local law. If applicable, Contractor will ensure that employees, agents, subcontractors, or independent contractors and the employees of subcontractors or independent contractors sign an appropriate authorization prior to such tests being conducted, acknowledging the tests are being conducted and authorizing the information obtained to be provided to the Owner.
- Contractor shall have and ensure compliance with a comprehensive substance abuse/drug and alcohol policy that complies with all applicable federal, state, and/or local statutes or regulations.



**EMERGENCY ACTION PLAN REVIEW LOG:**

**EMERGENCY ACTION PLAN REVIEW LOG:**

[illegible]

# Vegetation Management Plan

Trumbull Energy Center

December 2022

Rev: 0

Transmission  
Power Generation  
Substation  
Industrial  
Distribution  
Renewable Energy  
MJE Drilling  
Instrumentation  
Storm Response

MJE Proposal Number: 25161073300

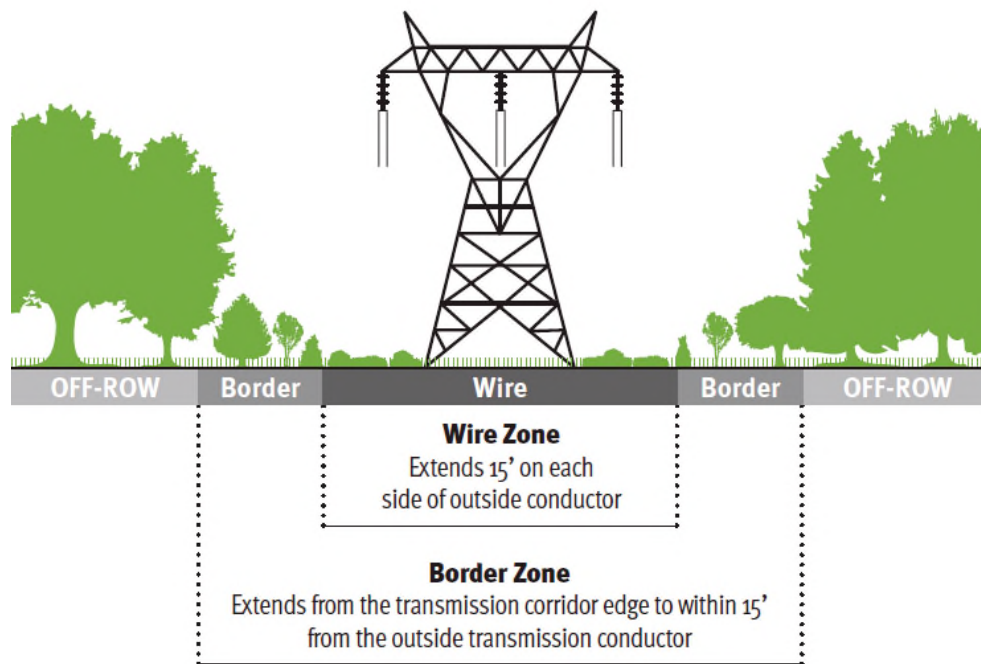
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## Vegetation Management Plan

### Transmission Lines and Rights-of-Way

Vegetation around transmission lines is treated much differently than vegetation around distribution lines. On transmission rights-of-ways, we typically clear rather than established trees in order to maintain safe and reliable electric service. Some low-growing shrubs are allowed to remain in the transmission corridor to provide a viable habitat for wildlife as long as they do not obstruct safe access.



The approach we take is the control or removal of all incompatible vegetation in the wire zone and border zone that has potential to interfere with the safe and efficient operation of the transmission system. The goal in the wire zone is to promote a low-growing plant community of grasses, herbs, and shrubs (approximately 3-5' in height). In the border zone, we suppose a plant community of flowering plants and taller compatible shrubs (approximately 12-15' in height).

# Spill Plan

Trumbull Energy Center

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Rev: 0

MJE Proposal Number: 25161073300

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Transmission

Power Generation

Substation

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Renewable Energy


MJE Drilling

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Storm Response





	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
	<b>Policy Title:</b>		<b>Revision: (2) 08-08-08</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Policy #: Chapter 31</b>
			<b>Page 1 of 13</b>

## **CONTENTS**

- 1. PURPOSE**
- 2. OBJECTIVES**
- 3. SCOPE**
- 4. RESPONSIBILITIES**
- 5. OWNER INFORMATION**
- 6. OVERVIEW**
- 7. GENERAL REQUIREMENTS**
- 8. SECONDARY CONTAINMENT**
- 9. BULK STORAGE CONTAINERS**
- 10. MOBILE EQUIPMENT**
- 11. PETROLEUM TRANSFER AREAS**
- 12. FACILITY DRAINAGE**
- 13. SECURITY**
- 14. INSPECTIONS**
- 15. TRAINING**
- 16. REMEDIATION AND RESTORATION**
- 17. DEFINITIONS**
- 18. DEVELOPMENT HISTORY**
- 19. APPENDICES**

**APPENDIX A – CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL HARM CRITERIA CHECKLIST**

**APPENDIX B – PLAN REVIEW**

**APPENDIX C – PETROLEUM SPILL RESPONSE PROCEDURES**


**APPENDIX D – FACILITY MONTHLY INSPECTION CHECKLIST**

**APPENDIX E – RECORD OF DIKE DRAINAGE**

**APPENDIX F – PETROLEUM SPILL REPORT**

**APPENDIX G – CROSS REFERENCE**

**APPENDIX H – VEHICLES**

	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
			<b>Revision: (2) 08-08-08</b>
	<b>Policy Title:</b>		<b>Policy #: Chapter 31</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Page 3 of 13</b>

## 1. PURPOSE

To prevent discharges of petroleum into the waters of the United States by complying with the EPA requirements for preparing and maintaining an SPCC Plan where applicable under the Oil Pollution Prevention regulations, Title 40 CFR 112.

## 2. OBJECTIVES

2.1 To prevent employee injury, illness or death resulting from potential petroleum discharge.

2.2 To provide guidance necessary to assist operations in their adoption of safe work practices associated with spill prevention control and countermeasure methods when working with petroleum.

2.3 To develop work practices and techniques to control the hazards associated with potential petroleum discharges.

2.4 To establish necessary training requirements to ensure employees have the understanding of proper safe work practices regarding spill prevention control and countermeasure methods.

## 3. SCOPE

These methods shall apply to all M.J. Electric work sites where employees or the environment may be exposed to potential petroleum discharge situations under normal working conditions or during an emergency.

## 4. RESPONSIBILITIES

4.1 The M.J. Electric Safety and Health Department will assist the affected Operational or Leasing Department with maintaining their specific SPCC Plan.

4.2 The facility manager shall be responsible for implementing and maintaining their site specific SPCC Plan for the affected facility or location.

4.3 The facility manager, with assistance from the Safety and Health Department, shall be responsible for the development of the site specific SPCC Plan when applicable.

4.4 The petroleum supplier shall be responsible for the maintenance of petroleum storage tanks and tank trucks under their ownership and spill prevention during petroleum transfers under their control.

4.4.1 The petroleum supplier shall be responsible for all petroleum discharges occurring from their vehicles.


## 5. OWNER INFORMATION

**5.1 Owner Name:** M.J. Electric, LLC.

**Street Address:** 200 W. Frank Pipp Dr.

**Mailing Address:** P.O. Box 686, Iron Mountain, MI 49801

**Contact:** SPCC Plan Administrator – Administrative Coordinator for Safety and Health; M.J. Electric, 200 W. Frank Pipp Dr., P.O. Box 686, Iron Mountain, MI 49801, Phone: (906) 774-8000

	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
			<b>Revision: (2) 08-08-08</b>
	<b>Policy Title:</b>		<b>Policy #: Chapter 31</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Page 4 of 13</b>

**Location:** Locations vary depending on the work being performed.

**General Description:** Some M.J. Electric facilities handle, store, and dispense petroleum products in the form of gasoline, fuel oil, new and used engine oil, grease, transmission fluid, hydraulic fluid, and radiator fluid.

## 5.2 Storage Tanks

5.2.1 Facility specific bulk storage containers and total petroleum storage capacity varies depending on facility needs.

5.2.2 Standard bulk storage containers include:

5.2.2.1 Portable above ground storage tanks (AST's) for unleaded gasoline, fuel oil, new engine oil, and used oil: 1,000 gallon, 660 gallon, and 500 gallon capacities.

5.2.2.2 Drums: 55 gallon capacity.

## 6. OVERVIEW

6.1 All Spill Prevention Control and Countermeasure Plans for M.J. Electric facilities are prepared and implemented as required under the Oil Pollution Prevention regulations in 40 CFR 112.

6.2 A non-transportation related facility is subject to SPCC regulations if:

6.2.1 Due to its location, the facility could reasonably be expected to discharge petroleum into or upon the navigable waters of the United States; and

6.2.2 The storage capacity of any Underground Storage Tank (UST) exceeds 42,000 gallons; or

6.2.3 The total aggregate Aboveground Storage Tank (AST) capacity exceeds 1,320 gallons (calculated total of containers with capacity of 55 gallons or more).

6.3 M.J. Electric mobile facilities are not required to prepare a new Plan each time the facility is moved to a new site. The Plan may be a general plan. When the mobile or portable facility is moved, it must be located and installed using the discharge prevention practices outlined in the Plan for the facility. The Plan is applicable only while the facility is in a fixed (non-transportation) operating mode.

6.4 Facilities can self certify SPCC Plans or have a licensed Professional Engineer (PE) certify SPCC Plans.


6.4.1 This certification attests that:

6.4.1.1 Certifier is familiar with provisions of 40 CFR 112;

6.4.1.2 Engineer or designated person has examined the facility;

6.4.1.3 The Plan has been prepared in accordance with good engineering practices, regulatory guidance, industry recommended practices, or standard design and operational protocols;

6.4.1.4 Procedures for required inspections and testing have been established; and

	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
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	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Policy #: Chapter 31</b>
			<b>Page 5 of 13</b>

6.4.1.5 The plan is adequate for the facility.

6.4.2 If a PE certifies the Plan, the PE must be registered in at least one State. It is not necessary to be registered in the State in which the facility is located.

6.4.3 See Appendix B for SPCC Plan certification.

6.5 The SPCC Plan is not required to be filed with the EPA, but a copy must be available for on-site review by the Regional Administrator during normal working hours if the subject facility is attended at least 4 hours a day. The SPCC Plan must be submitted to the local EPA Regional Administrator and the State agency in charge of petroleum pollution control along with the other information specified in 40 CFR 112.4 if either of the following occurs:

6.5.1 The facility discharges more than 1,000 gallons of petroleum into or upon navigable waters of the United States or adjoining shorelines in a single event; or

6.5.2 The facility discharges more than 42 gallons of petroleum in each of two discharge events within any 12-month period.

6.6 Discharge information must be reported to the local EPA Regional Administrator and the state agency within 60 days if either of the thresholds in Section 6.5 is reached. The report should contain the following information:

6.6.1 Name of facility;

6.6.2 Name(s) of the owner or operator of the facility;

6.6.3 Location of the facility;

6.6.4 Maximum storage or handling capacity of the facility and normal daily throughput;

6.6.5 Corrective actions and/or countermeasures taken, including a description of equipment repairs and/or replacements;

6.6.6 An adequate description of the facility, including maps, flow diagrams, topographical maps as necessary;


6.6.7 The cause of the discharge, including a failure analysis of the system or subsystem that failed;

6.6.8 Additional preventative measures taken or contemplated to minimize the possibility of recurrence; and

6.6.9 Such other information the Regional Administrator may require pertinent to the Plan or discharge.

6.7 The SPCC Plan shall be amended within 6 months whenever there is a change in facility design, construction, operation, or maintenance that materially affects the facility's discharge potential.

6.8 The Plan must be reviewed once every 5 years and amended to include more effective prevention and control technology, if such technology will significantly reduce the likelihood of a discharge event and has been proven in the field.

	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
			<b>Revision: (2) 08-08-08</b>
	<b>Policy Title:</b>		<b>Policy #: Chapter 31</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Page 6 of 13</b>

6.9 All technical amendments must be certified as to their effectiveness and noted in the Plan.

6.10 M.J. Electric facilities are not required to develop a Facility Response Plan. A Certification of the Applicability of the Substantial Harm Criteria Checklist is included as Appendix A.

6.11 Refer to the M.J. Electric Safety and Health Policy and Procedure – Material Handling, Storage, Use and Disposal for further requirements concerning Flammable and Combustible Liquids.

## **7. GENERAL REQUIREMENTS**

7.1 The requirements for SPCC Plans listed in 40 CFR 112.7 and specific discharge prevention and containment procedures listed in 40 CFR 112.8 which are applicable to M.J. Electric mobile facilities and remote locations shall be satisfied when the site specific SPCC Plans are created.

7.2 All M.J. Electric SPCC Plans shall be specific to the facilities they are written for.

7.3 Facility management has determined use of containment and diversionary structures and use of readily available spill equipment to prevent discharged petroleum from reaching navigable waters is practicable and effective and shall be used at affected M.J. Electric facilities.

7.4 When required, an SPCC Plan shall be developed. The location of the bulk storage containers; general arrangements of the facility; storm water drain inlets; flow (slope) directions of rain water and spilled petroleum paths; location and contents of each container and transfer stations shall be included in the Plan.

7.5 A potential for equipment failure (such as loading or unloading equipment, tank overflow, rupture, or leakage, or any other equipment known to be a source of a discharge) prediction of flow shall be made and included in the SPCC Plan of the direction of flow, rate of flow, and total quantity of petroleum which could be discharged from the facility as a result of major and minor equipment failures.

7.6 When it is determined that secondary containment is not practicable, an explanation of why such measures are not practicable will be included in a petroleum spill contingency plan. The contingency plan shall also include a written commitment of manpower, equipment, and materials required to expeditiously control and remove any quantity of petroleum discharged that may be harmful.

## **8. SECONDARY CONTAINMENT**

8.1 Secondary containment or diversionary structures are utilized to control drainage or a discharge of petroleum around bulk storage containers applicable to all Plans.

8.2 Secondary containment or diversionary structures shall be provided for all bulk storage containers applicable to all Plans which store petroleum products.


8.2.1 The capacity of the secondary containment structure shall be 125% of the largest tank inside the secondary containment, which allows for precipitation.

8.2.2 The entire containment system, including walls and floor, shall be capable of containing petroleum and shall be constructed so that any discharge from a primary containment system, such as a tank, will not escape the containment system before cleanup occurs.

8.3 At a minimum, at least one of the following prevention systems or its equivalent shall be utilized for secondary containment or diversionary structures:

8.3.1 Dikes, berms, or retaining walls sufficiently impervious to contain petroleum;



	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
			<b>Revision: (2) 08-08-08</b>
	<b>Policy Title:</b>		<b>Policy #: Chapter 31</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Page 7 of 13</b>

8.3.2 Curbing;

8.3.3 Culverting, gutters, or other drainage systems;

8.3.4 Weirs, booms, or other barriers;

8.3.5 Spill diversion ponds;

8.3.6 Retention ponds; or

8.3.7 Absorbent materials.

8.4 Walls of diked areas shall be restricted to an average height of 6 feet above the interior grade. Earthen walls 3 feet or more in height shall have a flat section at the top not less than 2 feet wide. The slope on an earthen wall shall be consistent with the slope requirements of the material of which the wall is constructed.

8.4.1 For further slope requirements refer to Safety and Health Policy and Procedure- Excavating Trenching and Shoring, Chapter 7 of the Safety Manual.

8.5 No loose combustible material, rubbish, or trash shall be permitted within secondary containment areas or diversionary structures.

8.6 Diversionary ponds and catch basins shall not be located in areas subject to periodic flooding.

## 9. BULK STORAGE CONTAINERS

9.1 Each bulk storage container shall be of UL-142 steel construction and shall be compatible with the petroleum they contain and the temperature and pressure conditions of storage.

9.2 All bulk storage containers applicable to this Plan shall have secondary containment with a volume that can hold the largest single container (100%), plus another 25% freeboard to contain precipitation.

9.2.1 The UL-142 stamped bulk storage containers of double wall design require no further secondary containment.

9.2.2 Any empty or full drum or barrel applicable to this Plan shall be provided with its own secondary containment system.


9.2.3 Spill pallets shall be provided as secondary containment for 55 gallon drums when stored outside, or inside near floor drains.

9.3 Each bulk storage container (except for drums) shall be equipped with a direct-reading level gauge. Venting capacity shall be suitable for the anticipated fill and withdrawal rates.

9.4 The bulk storage containers shall be located to prevent discharged petroleum from reaching navigable waters and shall be located where they are not subject to periodic flooding.

## 10. MOBILE EQUIPMENT

10.1 Large spill kits shall be stored at the job site office and made available to the crews.

	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
			<b>Revision: (2) 08-08-08</b>
	<b>Policy Title:</b>		<b>Policy #: Chapter 31</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Page 8 of 13</b>

10.2 Small spill kits shall be immediately available to the crew and shall be stored in/on or near the mobile equipment.

## **11. PETROLEUM TRANSFER AREAS**

11.1 The petroleum transfer area shall be the only area used to transfer petroleum from the tank trucks to the bulk storage containers and routine handling of products (loading, unloading, and facility transfers).

11.2 A sand filled catch basin for minor, routine spillage at petroleum transfer areas shall be installed. The sand shall be periodically replaced as needed.

11.3 The bypass valve, pumps and ejectors shall be closed or in the “off” position during fuel transfer.

11.4 A physical barrier system, warning signs, or wheel chocks shall be provided in petroleum transfer areas to prevent vehicles from departing prior to complete disconnection of the petroleum transfer lines.

11.5 All tank trucks shall be inspected by the person in charge of the site for discharges prior to unloading and departure. All outlets and drains on these vehicles shall be tightened, adjusted, or replaced if necessary to prevent petroleum discharge while in transit.

11.6 Warning signs and/or physical barriers (crash protection) shall be placed as needed to prevent vehicles from damaging aboveground tanks and containers, pipelines, or other petroleum transfer operations.

## **12. FACILITY DRAINAGE**

12.1 Drainage of rain water from containment areas is accomplished by manually operated spring loaded bypass valves, pumps, or ejectors.

12.2 The drainage devices from containment areas shall be sealed closed or in the “off” position except when draining the containment area.

12.3 Accumulated rainwater shall be inspected by the person in charge of the site for the presence of any petroleum sheen before draining the uncontaminated (petroleum free) water.

12.4 The bypass valve, pumps and devices shall be opened under supervision only after the petroleum transfer is completed and the tank truck has departed.


12.5 Facility effluent discharged from containment areas shall be observed by the person in charge of the site to detect possible petroleum contamination and documented each time effluent is discharged. If petroleum is present, it is then contained and disposed of properly.

12.6 The person in charge of the site shall keep records of every drainage event, refer to Appendix E for the Dike Drainage Form.

## **13. SECURITY**

13.1 The master flow and drain valves shall be locked in the closed position when in non-operating or standby status.

13.2 The electrical supply to each petroleum pump shall be locked in the “off” position or disconnected at the end of each work day. When feasible, the starter controls for each petroleum pump shall be located at a site accessible only to authorized personnel when the pump is in a non-operating or non-standby status.

	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
			<b>Revision: (2) 08-08-08</b>
	<b>Policy Title:</b>		<b>Policy #: Chapter 31</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Page 9 of 13</b>

13.3 The dispensing nozzles shall be locked down at the end of each work day.

13.4 The loading and unloading connections of petroleum pipelines shall be capped when not in-service or when in standby service for an extended period of time.

13.5 Area lights shall be located in such a position to illuminate the office and storage areas to assist in discovery of discharges at night, and deter vandalism.

#### **14. INSPECTIONS**

14.1 Visual inspections shall consist of a complete walkthrough of the facilities petroleum storage areas and related equipment.

14.2 All aboveground tanks, supports, containment structures, gauges, alarms, vents, pipelines, valves, and appurtenances shall be examined and documented once a month using Appendix D to assess their condition.

14.3 All flange joints, expansion joints, valve glands and bodies, catch pans, pipeline supports, locking of valves, and metal surfaces shall be inspected.

#### **15. TRAINING**

15.1 All petroleum handling personnel shall be given site specific petroleum discharge prevention training for each new work site they are assigned to and shall include the operation and maintenance of equipment to prevent discharges of petroleum and spill response procedures.

15.2 Yearly petroleum discharge prevention training shall be provided for all petroleum handling personnel to ensure adequate understanding of the SPCC Policy and any Plans applied to their location. These briefings should highlight any past discharge events or failures, standard prevention measures, recently developed precautionary measures, and spill response procedures.

#### **16. REMEDIATION AND RESTORATION**

16.1 Visible petroleum discharges shall be promptly corrected, including removing accumulations of discharged petroleum in diked areas.


16.2 Countermeasures for discharge discovery, response, and cleanup (both the facilities capability and those that might be required of a contractor) include the use of spill kits to clean up minor spills. Large spills shall be handled by the designated clean-up contractors.

16.2.1 Adequate absorbent materials shall be provided in spill kits located strategically throughout all facilities that store petroleum or have equipment that uses petroleum to operate.

16.3 Petroleum spill response procedures and contact list for discharge notification, clean up contractors and equipment supply vendors are listed in Appendix C of this policy.

16.3.1 The petroleum spill response procedures in Appendix C shall be posted at the office and / or the show up trailer.

16.4 A Petroleum Spill Report, shown in Appendix F, shall be completed for each petroleum spill.

 M.J. ELECTRIC A QUANTA SERVICES COMPANY	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
	<b>Policy Title:</b>		<b>Revision: (2) 08-08-08</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Policy #: Chapter 31</b>
			<b>Page 10 of 13</b>

16.5 Once the emergency coordinator determines the area is safe from any further threat, remediation may be implemented. The emergency coordinator shall be on site to ensure all remediation activities are properly managed. Outside emergency response firms shall be retained to help facilitate remediation.

16.6 All material including soil, water, and absorbent material contaminated with discharged oil shall be removed and put into containers for disposal. The material shall be characterized by the safety and health representative or environmental representative for ultimate disposal.

16.7 Disposal of recovered materials shall be in accordance with Federal, State, and local requirements.

16.8 Restoration of all emergency equipment used during the incident shall begin immediately following the emergency incident. Shovels, rakes, and other reusable equipment shall be consolidated into the least number of drums possible, labeled, and placed in the storage yard. All process equipment exposed to discharged petroleum shall be cleaned using an appropriate solvent. The used cleaning solvent shall be labeled appropriately and stored until properly disposed of.

16.9 All personnel exposed to discharged petroleum shall be decontaminated as needed.

## 17. DEFINITIONS

**Alteration** means any work on a container involving cutting, burning, welding, or heating operations that changes the physical dimensions or configuration of the container.

**Bulk storage container** means any container used to store petroleum. These containers are used for purposes including, but not limited to, the storage of petroleum prior to use, while being used, or prior to further distribution in commerce. Oil-filled electrical, operating, or manufacturing equipment is not a bulk storage container.


**Completely buried tank** means any container completely below grade and covered with earth, sand, gravel, asphalt, or other material. Containers in vaults, bunkered tanks, or partially buried tanks are considered aboveground storage containers for purposes of this part.

**Contract or other approved means:**

1. A written contractual agreement with an petroleum spill removal organization that identifies and ensures the availability of the necessary personnel and equipment within appropriate response times; and/or
2. A written certification by the owner or operator that the necessary personnel and equipment resources, owned or operated by the facility owner or operator, are available to respond to a discharge within appropriate response times; and/or
3. Active membership in a local or regional petroleum spill removal organization that has identified and ensures adequate access through such membership to necessary personnel and equipment to respond to a discharge within appropriate response times in the specified geographic area; and/or
4. Any other specific arrangement approved by the Regional Administrator upon request of the owner or operator.

**Discharge** includes, but is not limited to, any spilling, leaking, pumping, pouring, emitting, emptying, or dumping of petroleum, but excludes discharges in compliance with applicable permits.

**Facility** means any mobile or fixed, onshore or offshore building, structure, installation, equipment, pipe, or pipeline used in oil well drilling operations, petroleum production, petroleum refining, petroleum

	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
	<b>Policy Title:</b>		<b>Revision: (2) 08-08-08</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Policy #: Chapter 31</b>
			<b>Page 11 of 13</b>

storage, petroleum gathering, petroleum transfer, petroleum distribution, and waste treatment, or in which petroleum is used.

**Note:** A facility may be as small as a piece of equipment, for example, a tank, or as large as a military base.

**Harmful quantity** means discharges which affect the water quality standards or cause a film or sheen upon or discoloration of the water or adjoining shorelines.

**Mobile Facility** means any equipment that is capable of being moved or can move under its own power which stores new or used petroleum for transfer, distribution, storage, or disposal.

**Navigable waters** means the waters of the United States, including the territorial seas.

1. The term includes:

1.1 All waters that are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters subject to the ebb and flow of the tide;

1.2 All interstate waters, including interstate wetlands;

1.3 All other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sand flats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation, or destruction of which could affect interstate or foreign commerce including any such waters:

1.3.1 That are or could be used by interstate or foreign travelers for recreational or other purposes; or

1.3.2 From which fish or shellfish are or could be taken and sold in interstate or foreign commerce; or,

1.3.3 That are or could be used for industrial purposes by industries in interstate commerce;

1.4 All impoundments of waters otherwise defined as waters of the United States under this section;

1.5 Tributaries of waters identified in paragraphs 1.1 through 1.4 of this definition;

1.6 The territorial sea; and


1.7 Wetlands adjacent to waters (other than waters that are themselves wetlands) identified in paragraph 1 of this definition.

2. Waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of the CWA (other than cooling ponds which also meet the criteria of this definition) are not waters of the United States. Navigable waters do not include prior converted cropland. Notwithstanding the determination of an area's status as prior converted cropland by any other Federal agency, for the purposes of the CWA, the final authority regarding CWA jurisdiction remains with EPA.

**Non-petroleum oil** means oil of any kind that is not petroleum-based, including but not limited to: fats, oils, and greases of animal, fish, or marine mammal origin; and vegetable oils, including oils from seeds, nuts, fruits, and kernels.

**Oil** means oil of any kind or in any form, including, but not limited to: fats, oils, or greases of animal, fish, or marine mammal origin; vegetable oils, including oils from seeds, nuts, fruits, or kernels; and, other oils



	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
	<b>Policy Title:</b>		<b>Revision: (2) 08-08-08</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Policy #: Chapter 31</b>
			<b>Page 12 of 13</b>

and greases, including petroleum, fuel oil, sludge, synthetic oils, mineral oils, oil refuse, or oil mixed with wastes other than dredged spoil.

**Onshore facility** means any facility of any kind located in, on, or under any land within the United States, other than submerged lands.

**Owner or operator** means any person owning or operating an onshore facility or an offshore facility, and in the case of any abandoned offshore facility, the person who owned or operated or maintained the facility immediately prior to such abandonment.

**Partially buried tank** means a storage container that is partially inserted or constructed in the ground, but not entirely below grade, and not completely covered with earth, sand, gravel, asphalt, or other material. A partially buried tank is considered an aboveground storage container for purposes of this part.

**Permanently closed** means any container or facility for which:

1. All liquid and sludge has been removed from each container and connecting line; and
2. All connecting lines and piping have been disconnected from the container and blanked off, all valves (except for ventilation valves) have been closed and locked, and conspicuous signs have been posted on each container stating that it is a permanently closed container and noting the date of closure.

**Petroleum oil** means petroleum in any form, including but not limited to crude oil, gasoline, fuel oil, mineral oil, new and used engine oil, sludge, oil refuse, and refined products.

**Regional Administrator** means the Regional Administrator of the Environmental Protection Agency, in and for the Region in which the facility is located.


**Secondary Containment or Diversionary Structures** mean one of the following systems or its equivalent:

1. Dikes, berms, or retaining walls sufficiently impervious to contain petroleum;
2. Curbing;
3. Culverts, gutters, or other drainage systems;
4. Weirs, booms, or other barriers;
5. Spill diversion ponds;
6. Retention ponds; or
7. Absorbent materials.

Note: The entire containment system, including walls and floor, shall be capable of containing petroleum and shall be constructed so that any discharge from a primary containment system, such as a tank or pipe, shall not escape the containment system before cleanup occurs.

**Spill Prevention Control and Countermeasure Plan, SPCC Plan, or Plan** means the document that details the equipment, workforce, procedures, and steps to prevent, control, and provide adequate countermeasures to a discharge.

**Wetlands** means those areas that are inundated or saturated by surface or groundwater at a frequency or duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include playa lakes, swamps,


	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>	<b>Effective Date: 02-24-06</b>
	<b>Policy Title:</b>	<b>Revision: (2) 08-08-08</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>	<b>Policy #: Chapter 31</b>
		<b>Page 13 of 13</b>

marshes, bogs, and similar areas such as sloughs, prairie potholes, wet meadows, prairie river overflows, mudflats, and natural ponds.


## 18. DEVELOPMENT HISTORY

<b>(Final Program) Date 02/24/2006</b>	
Writer	Matt Rossing - Safety and Health Administrative Manager
Reason Written	To establish a uniform SPCC Plan
Reviewed By:	<i>Safety and Health:</i> David Houle, Garth Brasure, Rocky Schuster, Dave Lemke, Tom Hogue, Terry Alwine, Jeff Walling, Robin Abel, Al Dame, Ann Hicks <i>Operations:</i> Steve Lindley, George Troutman, Kent Richmond, John Capra, Erik Stenvig, Russ Pomeroy, Roy Ruohomaki, David Carlson, Ed Farrington, Andy Gardner, Earl Koski, Jack Mueck, Bill Nagy, Tom Nagy, Greg Rogers, Mike Shuba, Marty Sutinen, Michael Troutman, Joey Wade
Approved By:	
Signature	

<b>(Revision 1) Date 02/01/2007</b>	
Writer	Matt Rossing – Safety and Health Administrative Manager
Reason for Change	Updated logo and removed the inc. from M.J. Electric references
Reviewed By:	<i>Safety and Health:</i> <i>Operations:</i>
Approved By:	
Signature	

<b>(Revision 2) Date 08/08/2008</b>	
Writer	Al Schultz – Administrative Coordinator of Safety and Health
Reason for Change	Revised policy to reflect regulatory changes
Reviewed By:	Safety and Health Committee Members
Approved By:	Attendees of the Safety Committee meeting on 08/08/08
Signature	COO: Peter Pasch 

## 19. APPENDICES

	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		Effective Date: 02-24-06
	Policy Title:		Revision: (2) 08-08-08
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		Policy #: Chapter 31
			Page 1 of 1

## APPENDIX A – CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL HARM CRITERIA CHECKLIST

FACILITY NAME: **M.J. Electric, LLC**

FACILITY ADDRESS (Home Office): **200 W. Frank Pipp Dr, Iron Mountain, MI 49801**

*Note: This checklist applies to all M.J. Electric facilities including Mobile facilities.*

1. Does the facility transfer petroleum over water to or from vessels and does the facility have a total petroleum storage capacity greater than or equal to 42,000 gallons?

☐ Yes ☐ No

2. Does the facility have a total petroleum storage capacity greater than or equal to 1 million gallons and does the facility lack secondary containment that is sufficiently large to contain the capacity of the largest aboveground petroleum storage tank plus sufficient freeboard to allow for precipitation within any aboveground petroleum storage tank area?

☐ Yes ☐ No

3. Does the facility have a total petroleum storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the formula in Attachment C-III, Appendix C, 40 CFR 112 or a comparable formula<sup>1</sup>) such that a discharge from the facility could cause injury to fish and wildlife and sensitive environments? For further description of fish and wildlife and sensitive environments, see Appendices I, II, and III to DOC/NOAA's "Guidance for Facility and Vessel Response Environments" (Section 10, Appendix E, 40 CFR 112 for availability) and the applicable Area Contingency Plan.

☐ Yes ☐ No

4. Does the facility have a total petroleum storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the appropriate formula (Attachment C-III, Appendix C, 40 CFR 112 or a comparable formula<sup>1</sup>) such that a discharge from the facility would shut down a public drinking water intake<sup>2</sup>?

☐ Yes ☐ No

5. Does the facility have a total petroleum storage capacity greater than or equal to 1 million gallons and has the facility experienced a reportable oil spill in an amount greater than or equal to 10,000 gallons within the last 5 years?

☐ Yes ☐ No


### CERTIFICATION:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Name (print) \_\_\_\_\_ Title \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

<sup>1</sup>If a comparable formula is used, documentation of the reliability and analytical soundness of the comparable formula must be attached to this form. <sup>2</sup>For the purposes of 40 CFR part 112, public drinking water intakes are analogous to public water systems as described at 40 CFR 143.2(c). (From 40 CFR 112 Appendix C, Attachment C-II)

	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
			<b>Revision: (2) 08-08-08</b>
	<b>Policy Title:</b>		<b>Policy #: Chapter 31</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Page 1 of 1</b>

### APPENDIX B – PLAN REVIEW

This M.J. Electric SPCC Plan has been reviewed and certified by a Corporate representative or by a Registered Professional Engineer (PE) as shown below:

I herby attest that:

- I am familiar with the requirements of 40 CFR 112;
- I or my agent has visited and examined the facility (*or a representative mobile facility*);
- The SPCC Plan has been prepared in accordance with good engineering practice, including consideration of applicable industry standards, and with the requirements of 40 CFR 112;
- Procedures for required inspections and testing have been established; and
- The SPCC Plan is adequate for the facility.

Site Location: \_\_\_\_\_

Job Number: \_\_\_\_\_

Corporate Representative (*Print*): \_\_\_\_\_


Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Title: \_\_\_\_\_

Professional Engineer (PE): (*Print*) \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

PE registration number: \_\_\_\_\_ State(s): \_\_\_\_\_

	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
	<b>Policy Title:</b>		<b>Revision: (2) 08-08-08</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Policy #: Chapter 31</b>
			<b>Page 1 of 1</b>

## APPENDIX C – PETROLEUM SPILL RESPONSE PROCEDURES

### PETROLEUM SPILL RESPONSE PROCEDURES

A quick response to a spill will reduce damage to your property, to neighboring properties, to the environment, and will reduce your costs in cleaning up the contamination. The four main steps in an effective spill response are:

1. Contain the spill and address immediate threats
  - Call 911 for fire/explosion or other serious safety hazard
  - protect onsite personnel and the general public
  - establish site security
  - identify material spilled / MSDS
  - contain the spill
    - Identify and protect any on-site or nearby environmentally sensitive areas such as surface waters, wetlands, drainage ditches, storm sewers, drinking water wells, etc. This can be accomplished by constructing berms or covering/plugging storm sewers and manholes. If a hazardous substance does reach a surface water, absorbent booms and dikes may be needed to contain the spilled substance.
  - protect spill from weather conditions
2. Immediately notify the M.J. Electric Administrative Coordinator for Safety and Health
 

Al Schultz – desk (906) 776-4594, cell (906) 282-0144
3. Investigate and cleanup
  - investigate the incident
  - a specialized contractor may need to be hired to cleanup depending on severity of spill
  - dispose of the recovered waste and absorbent materials per Federal, State and Local requirements
4. Document your spill response
  - complete an M.J. Electric Incident Report
  - complete an M.J. Electric Oil Spill Report

### PHONE NUMBERS

#### Discharge Notification Contacts

1. M.J. Electric 24-hour Hotline: 1-800-451-6866
2. Police/Fire Department: 911
3. Local Contact: \_\_\_\_\_


#### Clean-up Contractors

1. ONYX Environmental Services (Nationwide): 1-800-688-4005
2. Local Contractor: \_\_\_\_\_

#### Supplies and Equipment

1. M.J. Electric Tool Control: 906-776-4568
2. Grainger Industrial Supply: 1-800-323-0620
3. Airgas Industrial Safety Products: 1-800-548-0909
4. Lab Safety Supply (LSS): 1-800-356-0783

5. Local Supplier: \_\_\_\_\_

 <small>M. J. ELECTRIC</small> <small>A QUANTA SERVICES COMPANY</small>	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
			<b>Revision: (2) 08-08-08</b>
	<b>Policy Title:</b>		<b>Policy #: Chapter 31</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Page 1 of 1</b>

### APPENDIX D - FACILITY MONTHLY INSPECTION CHECKLIST


Job #:	Project Location:
Description of facility or area inspected:	

*Instructions: Place an X in the appropriate box for each item. This checklist is used for monthly inspections of petroleum storage tanks / containers, petroleum storage areas, and refueling areas. All defective items shall be recorded and reported to the on-site project manager/superintendent.*

Item	Yes	No	Equipment Description / Corrective Action	Date Corrected
1. Tank surfaces show signs of leakage				
2. Tanks are damaged, rusted, or deteriorated				
3. Tank supports appear to be sound				
4. Tank foundations have eroded or settled				
5. Level gauges or alarms are inoperative				
6. Vents are un-obstructed and working properly				
7. Pipelines or supports are damaged or deteriorated				
8. Buried pipelines are exposed				
9. Loading/unloading area is damaged or deteriorated				
10. Connections are not capped or blank-flanged				
11. Petroleum-related labels or signs are legible				
12. Secondary containment is damaged or stained				
13. Dike drainage valves are closed				
14. If rainwater is present in the secondary containment system area, does sufficient volume remain for spill control?				
15. Pipes, valves, or pumps show signs of leaking				
16. The petroleum-containing equipment or containers have crash protection to prevent physical damage (i.e. motor vehicles etc.)				
17. Are there any oil or petroleum products on the ground around the tank or machinery or in secondary containment area?				
18. Area lighting is functioning properly				
19. Emergency spill kits and equipment are readily available				
Corrective action is required if any of the above items indicate a need.				

Inspector Name: (Please Print)	Telephone #:	Date:
Comments:		



 <small>M. J. ELECTRIC</small> <small>A QUANTA SERVICES COMPANY</small>	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
			<b>Revision: (2) 08-08-08</b>
	<b>Policy Title:</b>		<b>Policy #: Chapter 31</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Page 1 of 1</b>


### APPENDIX E - RECORD OF DIKE DRAINAGE

Job #:	Project Location:
Description of facility or area:	

*Instructions: This record will be completed when rainwater from diked areas is drained into a storm drain, open water course, lake, or pond.*


Diked Area	Date	Presence of Oil	Time Started	Time Finished	Initials	Comments
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						
16.						

Additional Comments:
Corrective Actions Taken:

	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
			<b>Revision: (2) 08-08-08</b>
	<b>Policy Title:</b>		<b>Policy #: Chapter 31</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Page 1 of 2</b>


### APPENDIX F - PETROLEUM SPILL REPORT

<b>Report all petroleum spills to the M.J. Electric Safety and Health Department or Environmental Representative the day of the discovery.</b> M.J. Electric 24-hr Hotline: 800-451-6866      Safety and Health Department Fax: 906-776-4590				
Job #:	Spill #:	Spill location:	Date of discovery:	Time of discovery: : <input type="checkbox"/> AM <input type="checkbox"/> PM
First reported by:		Reported to:	Date reported:	Time reported: : <input type="checkbox"/> AM <input type="checkbox"/> PM
Name of first responder:		Names of other individuals and / or organizations who have been contacted:		
Type of petroleum discharged: <input type="checkbox"/> Motor Oil <input type="checkbox"/> Hydraulic Fluid <input type="checkbox"/> Diesel Fuel <input type="checkbox"/> Gasoline <input type="checkbox"/> Other:				
Description of spill:				
Cause of spill:				
Any pictures taken of spill area? <input type="checkbox"/> Yes <input type="checkbox"/> No	Quantity petroleum discharged:		Source of the discharge:	
Spill containment procedures:				
Is petroleum flowing <input type="checkbox"/> Yes <input type="checkbox"/> No	Is petroleum contained <input type="checkbox"/> Yes <input type="checkbox"/> No	Did anything catch on fire? <input type="checkbox"/> Yes <input type="checkbox"/> No	Was fire department dispatched? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Did any material reach a ditch or storm drain? <input type="checkbox"/> Yes <input type="checkbox"/> No	Did any material reach a sanitary sewer? <input type="checkbox"/> Yes <input type="checkbox"/> No	Any damages caused by the discharge? <input type="checkbox"/> Yes <input type="checkbox"/> No	Any injuries caused by the discharge? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Any soil samples taken? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Date taken:	Time taken: : <input type="checkbox"/> AM <input type="checkbox"/> PM	Taken by:	Sent to:
Was the contaminated soil disposed of? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Date disposed:	Time disposed: : <input type="checkbox"/> AM <input type="checkbox"/> PM	Method of disposal:	
<b>In order to complete the preliminary documentation of the spill, obtain and attach the completed documents as follows:</b>				
1. M.J. Electric Incident Report: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		2. MSDS of the spilled material: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
3. Chain-of-Custody form for soil sampling: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		4. Soil sampling analysis results: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
5. Disposal receipts: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		6. Other:		
Comments:				
Report completed by: (Please Print)		Title:	Telephone #:	Date:
The M.J. Electric Safety and Health Department or Environmental Representative will notify: -The DNR Spills Coordinator for the region if it is a DNR reportable spill. -The EPA Regional Administrator and the State agency if it is an EPA reportable spill.				


	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
			<b>Revision: (2) 08-08-08</b>
	<b>Policy Title:</b>		<b>Policy #: Chapter 31</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Page 2 of 2</b>

**APPENDIX F - PETROLEUM SPILL REPORT**

Diagram: Use the box below to draw a diagram of the location of the spill. Use roads, pole numbers and edges of right-of-ways as reference points. When drawing the diagram, remember someone may have to return to this location in the future.




Comments:

 <small>M.J. ELECTRIC</small> <small>QUANTA SERVICES COMPANY</small>	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
	<b>Policy Title:</b>		<b>Revision: (2) 08-08-08</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Policy #: Chapter 31</b>
			<b>Page 1 of 3</b>

## APPENDIX G – CROSS REFERENCE


The following is a Cross Reference of the M.J. Electric SPCC Policy to Subparts A through D of the amended Oil Pollution Prevention regulations in 40 CFR Part 112 dated July 17, 2002 as required by the Environmental Protection Agency.

<u>40 CFR Part 112</u>	<u>M.J. Electric SPCC Plan</u>
<b>112.1 – 112.7 Subpart A – Applicability, Definitions, and General Requirements For All Facilities and All Types of Petroleum’s.</b>	
<b>112.1 General Applicability.</b>	
112.1 (a1) (a2)	Section 1
112.1 (b) (b1) (b2) (b3) (b4)	Section 3
112.1 (c)	Not Applicable
112.1 (d) (d1) (d1i) (d1ii) (d1iii)	Not Applicable
112.1 (d2) (d2i) (d2ii)	Section 6.2
112.1 (d3)	Not Applicable
112.1 (d4)	Not Applicable
112.1 (d5)	Section 6.2
112.1 (d6)	Not Applicable
112.1 (e)	Section 6.1
112.1 (f)	Section 6.1
112.1 (f1) (f2) (f3) (f4) (f5)	Not Applicable
<b>112.2 Definitions</b>	
112.2	Section 16
<b>112.3 Requirements to prepare and implement a Spill Prevention, Control, and Countermeasure Plan.</b>	
112.3 (a)	Section 6.1
112.3 (b)	Section 6.1
112.3 (c)	Section 6.3
112.3 (d) (d1) (d1i) (d1ii) (d1iii) (d1iv) (d1v)	Section 6.4 Pending amendment to final rule
112.3 (d2)	Section 6.1
112.3 (e) (e1) (e2)	Section 6.5
112.3 (f) (f2) (f2i) (f2ii) (f2iii) (f3)	Not Applicable
<b>112.4 Amendment of Spill Prevention, Control, and Countermeasure Plan by Regional Administrator.</b>	
112.4 (a)	Section 6.5 and 6.6
112.4 (a1) (a2) (a3) (a4) (a5) (a6) (a7) (a8) (a9)	Section 6.6
112.4 (b) (c) (d) (e) (f)	Not Applicable
<b>112.5 Amendment of Spill Prevention, Control, and Countermeasure Plan by Owners or Operators.</b>	
112.5 (a)	Section 6.7
112.5 (b)	Section 6.8
112.5 (c)	Section 6.9 Pending amendment to final rule
<b>112.6 Amendment to self certify SPCC Plans of qualifying facilities.</b>	
<b>112.6</b>	<b>Section 6.4</b>
<b>112.7 General requirements for Spill Prevention, Control, and Countermeasure Plans.</b>	
112.7 (a1) (a2)	Section 7
112.7 (a3)	Section 7.4
112.7 (a3i)	Section 5.2 and 7.4
112.7 (a3ii)	Section 11
112.7 (a3iii)	Section 8
112.7 (a3iv)	Section 16
112.7 (a3v)	Section 16.7
112.7 (a3vi)	Section 16.3
112.7 (a4)	Section 7.5 and 16.3

 M.J. ELECTRIC A QUANTA SERVICES COMPANY	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
	<b>Policy Title:</b>		<b>Revision: (2) 08-08-08</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Policy #: Chapter 31</b>
			<b>Page 2 of 3</b>

### APPENDIX G – CROSS REFERENCE


112.7 (a5)	Section 16.3
112.7 (b)	Section 7.5
112.7 (c)	Section 8.2
112.7 (c1) (c1i ) (c1ii) (c1iii) (c1iv) (c1v) (c1vi) (c1vii)	Section 8.3
112.7 (c2) (c2i) (c2ii)	Not Applicable
112.7 (d) (d1) (d2)	Section 7.6
112.7 (e)	Section 14
112.7 (f1)	Section 15.1
112.7 (f2)	Section 4
112.7 (f3)	Section 15.2
112.7 (g1)	Not Applicable
112.7 (g2)	Section 13.1
112.7 (g3)	Section 13.2
112.7 (g4)	Section 13.4
112.7 (g5)(g5i) (g5ii)	Section 13.5
112.7 (h1)	Not Applicable Supplier Responsible
112.7 (h2)	Section 11.4
112.7 (h3)	Section 11.5
112.7 (i)	Not Applicable
112.7 (j)	Section 1
<b>112.8 – 112.11 Subpart B - Requirements for Petroleum Oils and Non-Petroleum Oils, Except Animal Fats and Oils and Greases, and Fish and Marine Mammal Oils; and Vegetable Oils (Including Oils from Seeds, Nuts, and Fruits, and Kernels).</b>	
<b>112.8 Spill Prevention, Control, and Countermeasure Plan requirements for onshore facilities.</b>	
112.8 (a)	Section 7.1
112.8 (b1)	Section 12.1 and 12.3
112.8 (b2)	Section 12.1
112.8 (b3)	Section 8.6
112.8 (b4)	Not Applicable
112.8 (b5)	Not Applicable
112.8 (c1)	Section 9.1
112.8 (c2)	Section 9.2
112.8 (c3)	Section 12
112.8 (c3i)	Section 12.2
112.8 (c3ii)	Section 12.3
112.8 (c3iii)	Section 12.4
112.8 (c3iv)	Section 12.6
112.8 (c4)	Not Applicable
112.8 (c5)	Not Applicable
112.8 (c6)	Section 4.4 and 14; Supplier responsible for testing
112.8 (c7)	Not Applicable
112.8 (c8) (c8i) (c8ii) (c8iii)	Not Applicable Supplier Responsible
112.8 (c8iv)	Section 9.3
112.8 (c8v)	Not Applicable
112.8 (c9)	Not Applicable
112.8 (c10)	Section 16.1
112.8 (c11)	Section 9.4
112.8 (d)	Section 11
112.8 (d1) (d2) (d3)	Not Applicable
112.8 (d4)	Section 14.2 and 14.3
112.8 (d5)	Section 11.6

 <small>M. J. ELECTRIC</small> <small>A QUANTA SERVICES COMPANY</small>	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
	<b>Policy Title:</b>		<b>Revision: (2) 08-08-08</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Policy #: Chapter 31</b>
			<b>Page 3 of 3</b>

### APPENDIX G – CROSS REFERENCE

<b>112.9 Spill Prevention, Control, and Countermeasure Plan requirements for onshore oil production facilities.</b>	
112.9	Not Applicable. This facility is not an oil production facility.
<b>112.10 Spill Prevention, Control, and Countermeasure Plan requirements for onshore oil drilling and work over facilities.</b>	
112.10	Not Applicable. This facility is not an oil drilling and work over facility.
<b>112.11 Spill Prevention, Control, and Countermeasure Plan requirements for offshore oil drilling and work over facilities.</b>	
112.11	Not Applicable. This facility is not an oil drilling and work over facility.
<b>112.12-112.15 Subpart C – Requirements for Animal Fats and Oils and Greases, and Fish and Marine Mammal Oils; and for Vegetable Oils, Including Oils from Seeds, Nuts, Fruits, and Kernels.</b>	
112.12 – 112.15	Not Applicable. This facility does not work with Animal Fats and Oils and Greases, and Fish and Marine Mammal Oils; or Vegetable Oils, including Oils from Seeds, Nuts, and Fruits and Kernels.
<b>112.20 – 112.21 Subpart D – Response Requirements</b>	
112.20 – 112.21	Not Applicable. A Certification of the Applicability of the Substantial Harm Criteria Checklist is included as Appendix A.



	<b>SAFETY AND HEALTH POLICY AND PROCEDURE</b>		<b>Effective Date: 02-24-06</b>
			<b>Revision: (2) 08-08-08</b>
	<b>Policy Title:</b>		<b>Policy #: Chapter 31</b>
	<b>SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)</b>		<b>Page 1 of 1</b>

## APPENDIX H – VEHICLES

### Vehicles

M.J. Electric vehicles that store and transfer petroleum include:

2000 Ford F750 Lube/Oil Truck #1484

The total petroleum storage capacity of the vehicle is 1,413 gallons. The individual petroleum storage tanks include: (1) 60 gallon hydraulic fluid tank, (1) 850 gallon diesel fuel tank, (3) 95 gallon new oil tanks, (1) 30 gallon new oil tank, (1) 60 gallon antifreeze tank, (1) 128 gallons used oil tank.

2005 Chevrolet C7500 Lube/Oil Truck #2387

The total petroleum storage capacity of the vehicle is 1303 gallons. The individual petroleum storage tanks include: (1) 50 gallon new oil tank, (2) 150 gallon new oil tanks, (2) 250 gallon new oil tanks, (1) 300 gallon used oil tank, (1) 30 gallon hydraulic oil reservoir, (1) 55 gallon drum new anti-freeze, (1) 55 gallon drum used anti-freeze, and (1) 120 lbs. (13 gallon) grease drum.

2007 Chevrolet C7500 Lube/Oil Truck #2647

The total petroleum storage capacity of the vehicle is 1303 gallons. The individual petroleum storage tanks include: (1) 50 gallon new oil tank, (2) 150 gallon new oil tanks, (2) 250 gallon new oil tanks, (1) 300 gallon used oil tank, (1) 30 gallon hydraulic oil reservoir, (1) 55 gallon drum new anti-freeze, (1) 55 gallon drum used anti-freeze, and (1) 120 lbs. (13 gallon) grease drum



A QUANTA SERVICES COMPANY

# Communications Plan

Trumbull Energy Center

December 2022

Rev: 0

Transmission

Power Generation

Substation

Industrial

Distribution

Renewable Energy

MJE Drilling

Instrumentation

Storm Response

MJE Proposal Number: 25161073300

M. J. ELECTRIC, LLC  
200 West Frank Pipp Drive | PO Box 686  
Iron Mountain, Michigan 49801  
P: 906.774.8000 | F: 906.779.4217  
[www.mjelectric.com](http://www.mjelectric.com)





## **Trumbull Energy Center**

### **Site Locations**

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- 1500 Hallock Young Rd., Warren, Ohio 44481

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Summary: Notice of Compliance electronically filed by Teresa Orahood on behalf of  
Dylan F. Borchers