

must require a manual reset before the contactor can be closed.

(11) Fail-safe ground check circuits shall cause the contractor to open when either the ground or pilot wire is broken.

(12) A monthly examination shall be conducted on each circuit to ensure proper operation of the contactor.

(13) The monthly examination shall include activating undervoltage, ground fault, and ground monitor trip devices. The results of the contactor test shall be recorded with the required circuit breaker monthly tests.

(b) The petitioner shall use a Variable Frequency Drive (VFD) in series with a circuit breaker instead of a circuit breaker alone. The circuit breaker shall provide short circuit protection. A ground fault relay will provide grounded phase protection which will cause the circuit breaker to open. The VFD shall provide protection from undervoltage and overcurrent.

(1) The VFD shall be rated for the maximum voltage of the circuit being protected.

(2) The VFD shall be rated for the continuous full load current of the utilization equipment.

(3) The nominal voltage of the control circuit(s) shall not exceed 120 volts.

(4) The VFD shall provide undervoltage protection. The VFD shall trip at 55 percent of the nominal voltage based on the parameter settings in the VFD that shall de-energize the output of the VFD.

(5) The VFD shall provide over-current protection to the connected load. The VFD shall use an internal algorithm to protect the equipment based on a rated load. The VFD shall calculate the motor temperature based on current draw over time. If the motor temperature reaches the setpoint for the defined time, the VFD shall fault indicating a motor overload. This shall be a latching fault requires a manual reset.

(6) A circuit breaker shall provide short circuit protection for systems using a VFD. A ground fault relay shall provide grounded phase protection by causing the breaker to open.

(7) The VFD shall be located in the same main enclosure as the circuit breaker.

(8) Each circuit breaker installed in series with a VFD shall be equipped with devices to provide short-circuit protection for each piece of equipment.

(9) Ground fault and ground monitor trips shall not automatically reset and shall require a manual reset before the VFD would turn the output on.

(10) Fail-safe ground check circuits shall cause the breaker to open when

either the ground or pilot wire is broken.

(11) A monthly examination shall be conducted on each circuit to ensure proper operation of the breaker and VFD.

(c) Within 60 days after this proposed decision and order is granted, the petitioner shall submit proposed revisions to its part 48 training plan to the appropriate MSHA District Official(s), specifying task training for all miners who are assigned to work in any pertinent area.

(d) The training shall include the purpose of the contractor systems and VFD systems, the potential hazards of working on or near belt conveyors and belt conveyor drives, and the requirements of 30 CFR 75.1725(c) and (d).

(e) The requirements of 30 CFR 48.3 for approval of proposed revisions to existing approved training plans shall apply.

The petitioner provided documentation to include typical control schemes, contactor specifications, VFD specifications, breaker specifications, ground monitor specifications, ground fault relay specifications, and coupler specifications in support of their petition.

The petitioner asserts that the alternate method proposed will at all times guarantee no less than the same measure of protection afforded the miners under the mandatory standard.

Song-ae Aromie Noe,

Director, Office of Standards, Regulations, and Variances.

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NATIONAL SCIENCE FOUNDATION

Sunshine Act Meetings

The National Science Board's Committee on Oversight hereby gives notice of the scheduling of a teleconference for the transaction of National Science Board business pursuant to the NSF Act and the Government in the Sunshine Act.

TIME AND DATE: Wednesday, October 18, 2023, from 10:30–11:30 a.m. EDT.

PLACE: This meeting will be via videoconference through the National Science Foundation, 2415 Eisenhower Avenue, Alexandria, VA 22314.

STATUS: Closed.

MATTERS TO BE CONSIDERED: The agenda is: Committee Chair's opening remarks regarding the agenda; Presentation and

discussion of the Results of NSF Pilots to Improve Reviewer Training.

CONTACT PERSON FOR MORE INFORMATION:

Point of contact for this meeting is: Chris Blair, cblair@nsf.gov, 703-292-7000. Meeting information and updates may be found at www.nsf.gov/nsb.

Christopher Blair,

Executive Assistant to the National Science Board Office.

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BILLING CODE 7555-01-P

NUCLEAR REGULATORY COMMISSION

[Docket No. 50-483; NRC-2023-0158]

Union Electric Company, dba Ameren Missouri; Callaway Plant; Unit No. 1

AGENCY: Nuclear Regulatory Commission.

ACTION: Exemption; issuance.

SUMMARY: The U.S. Nuclear Regulatory Commission (NRC) has issued an exemption in response to an exemption request from Union Electric Company doing business as Ameren Missouri (the licensee) submitted by letter dated October 12, 2022, as supplemented by letters dated December 1, 2022, May 9, 2023, June 21, 2023, and August 3, 2023.

DATES: The exemption was issued on October 5, 2023.

ADDRESSES: Please refer to Docket ID NRC-2023-0158 when contacting the NRC about the availability of information regarding this document. You may obtain publicly available information related to this document using any of the following methods:

- **Federal Rulemaking Website:** Go to <https://www.regulations.gov> and search for Docket ID NRC-2023-0158. Address questions about Docket IDs in *Regulations.gov* to Stacy Schumann; telephone: 301-415-0624; email: Stacy.Schumann@nrc.gov. For technical questions, contact the individual listed in the **FOR FURTHER INFORMATION**

CONTACT section of this document.

- **NRC's Agencywide Documents Access and Management System (ADAMS):** You may obtain publicly available documents online in the ADAMS Public Documents collection at <https://www.nrc.gov/reading-rm/adams.html>. To begin the search, select "Begin Web-based ADAMS Search." For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1-800-397-4209, at 301-415-4737, or by email to PDR.Resource@nrc.gov. The request for