(c) The 3M Versaflow TR–800 batteries will be charged by the 3M battery Charger TR–641N or the 3M 4-Station battery charger TR–644N.

(d) The 3M Versaflow TR–800 PAPR will only use the 3M TR–830 battery pack.

(e) Affected miners will be trained in the proper use and care of the PAPR units in accordance with manufacturers’ instructions.

(f) The PAPRs will be checked for physical damage and the integrity of the case.

(g) If methane is detected in concentrations of 1.0 percent or more, procedures in accordance with 30 CFR 75.323 will be followed.

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.

Docket Number: M–2021–029–C

Petitioner: Emery County Coal Resources, Inc., P.O. Box 910, East Carbon, Utah (ZIP 84520).

Mine: Lila Canyon Mine, MSHA ID No. 42–02241, located in Carbon County, Utah.

Regulation Affected: 30 CFR 75.500(d) (Permissible electric equipment).

Modification Request: The petitioner requests a modification of the existing standard, 30 CFR 75.500(d), as it relates to the use of an alternative method of respirable dust protection at the Lila Canyon Mine in Utah. Specifically, the petitioner is applying to utilize the battery-powered CleanSpace EX and 3M Versaflow TR–800 PAPRs in the last open crosscut.

The petitioner states that:

(a) The 3M Airstream Mining Headgear-Mounted model PAPR provides a constant flow of filtered air which results in a reduction of the miners’ exposure to respirable dust, thus reducing their health risks.

(b) With discontinuance of the MSHA-approved 3M Airstream Mining Headgear-Mounted model PAPR, there are no other MSHA-approved PAPRs available.

(c) The use of the CleanSpace EX and 3M Versaflow TR–800 PAPRs will provide miners in MMU 004–0 with constant flow of filtered air which results in a reduction of miners’ exposure to respirable dust, thus reducing their health risks.

(d) The use of the CleanSpace EX and 3M Versaflow TR–800 PAPRs will protect miners from respirable dust when working in the last open crosscut.

(e) The CleanSpace EX—full or half mask—PAPR is intrinsically safe and is certified by UL under the ANSI/UL 60079–11 standard to be used in hazardous locations because it meets the intrinsic safety protection level. The unit is acceptable in other jurisdictions for use in mines with the potential for methane accumulation. The CleanSpace EX PAPR is an air filtering, fan assisted positive pressure mask which is used in different applications, including high dust environments. The CleanSpace EX PAPR is lightweight and compact and requires no hoses, cables, or belt-mounted battery packs. It requires few replacement parts and no servicing or maintenance. It is compatible with personal protective equipment.

(f) The 3M Versaflow TR–800 PAPR is intrinsically safe and is certified by UL under the ANSI/UL 60079–11 standard to be used in hazardous locations. This unit is acceptable in other jurisdictions for use in mines with the potential for methane accumulation. The 3M Versaflow TR–800 is ergonomically designed for greater movement in tight work spaces. It helps protect against certain airborne contaminants and has a multi-speed blower. The PAPR is easy to use and maintain and has audible and visual alarms. The 3M Versaflow TR–800 battery offers a long run time and charges quickly. The unit has interchangeable components which will enable the petitioner to customize the PAPR system to help meet the needs of their specific applications.

The petitioner proposes the following alternative method:

(a) The petitioner will use the CleanSpace EX and 3M Versaflow TR–800 PAPRs to protect miners from exposure to respirable dust.

(b) The batteries for the PAPRs will be charged out by the last open crosscut when not in operation.

(c) The 3M Versaflow TR–800 batteries will be charged by the 3M battery Charger TR–641N or the 3M 4-Station battery charger TR–644N.

(d) The 3M Versaflow TR–800 PAPR will only use the 3M TR–830 battery pack.

(e) Affected miners will be trained in the proper use and care of the PAPR units in accordance with manufacturers’ instructions.

(f) The PAPRs will be checked for physical damage and the integrity of the case.

(g) If methane is detected in concentrations of 1.0 percent or more, procedures in accordance with 30 CFR 75.323 will be followed.

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.

Jessica Senk,
Director, Office of Standards, Regulations, and Variances.
NUCLEAR REGULATORY COMMISSION
[NRC–2021–0133]

Use of ARCON Methodology for Calculation of Accident-Related Offsite Atmospheric Dispersion Factors

AGENCY: Nuclear Regulatory Commission.

ACTION: Draft regulatory guide; request for comment.

SUMMARY: The U.S. Nuclear Regulatory Commission (NRC) is issuing for public comment draft regulatory guide (DG), DG–4030, “Use of ARCON Methodology for Calculation of Accident-Related Offsite Atmospheric Dispersion Factors.” This proposed new regulatory guide (RG) describes an approach for reactor applicants and licensees for determining atmospheric relative concentration (y/Q) values in support of modeling onsite releases to offsite boundaries from a design-basis accident. Also, this proposed guidance implements the methodology in RG 1.194, “Atmospheric Relative Concentrations for Control Room Radiological Habitability Assessments at Nuclear Power Plants,” for offsite dose locations at boundaries.

DATES: Submit comments by September 16, 2021. Comments received after this date will be considered if it is practical to do so, but the NRC is able to ensure consideration only for comments received on or before this date. Although a time limit is given, comments and suggestions in connection with items for inclusion in guides currently being developed or improvements in all published guides are encouraged at any time.

ADDRESS: You may submit comments by any of the following methods; however, the NRC encourages electronic comment submission through the Federal Rulemaking website:

- Federal Rulemaking Website: Go to https://www.regulations.gov and search for Docket ID NRC–2021–0133. 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 individuals listed in the FOR FURTHER INFORMATION CONTACT section of this document.


For additional direction on accessing information and submitting comments, see “Obtaining Information and Submitting Comments” in the SUPPLEMENTARY INFORMATION section of this document.


SUPPLEMENTARY INFORMATION:

I. Obtaining Information and Submitting Comments

A. Obtaining Information

Please refer to Docket ID NRC–2021–0133 when contacting the NRC about the availability of information regarding this action. You may obtain publicly available information related to this action by any of the following methods:


- 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, 301–415–4737, or by email to pdr.resource@nrc.gov.

- Attention: The PDR, where you may examine, and order copies of public documents, is currently closed. You may submit your request to the PDR via email at pdr.resource@nrc.gov or call 1–800–397–4209 or 301–415–4737, between 8:00 a.m. and 4:00 p.m. (ET), Monday through Friday, except Federal holidays.

B. Submitting Comments


The NRC cautions you not to include identifying or contact information that you do not want to be publicly disclosed in your comment submission. The NRC will post all comment submissions at https://www.regulations.gov as well as enter the