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Craig R. Larson, Director
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P: (928) 337-5501

Ms. Karla Murrieta
1110 W. Washington St.
Phoenix, AZ 85007

October 11, 2023

Dear Ms. Murrieta,

Salt River Project Agricultural Improvement and Power District (“SRP”) owns and operates the Coronado Generating Station (“CGS”) in St. Johns, Arizona. CGS is regulated by the Arizona Department of Environmental Quality (“ADEQ”) and operates pursuant to Class I Permit No. 89460.

With this application, SRP is requesting a Significant Permit Revision to its Title V air quality permit to revise the two-working day reporting requirements outlined in Condition I.E.1 of Attachment “B” to align with the regulatory reporting requirements under Arizona Administrative Code (“A.A.C.”) R18-2-306.A.5, streamline the reporting requirements listed in Condition I.E.1, and clarify the Mercury and Air Toxic Standards (“MATS”) reporting requirements that will be applicable beginning in reporting year 2024.

If you have any questions regarding this application, please contact Jenn Paskash at jenn.paskash@srpnet.com or (602) 236-4697.

Sincerely,

A handwritten signature in blue ink that reads 'Craig R. Larson'. The signature is written in a cursive, flowing style.

Craig R. Larson, Director

Coronado Generating Station

SIGNIFICANT PERMIT REVISION APPLICATION

**SALT RIVER PROJECT
CORONADO GENERATING STATION
PERMIT NUMBER 89460**



Delivering water and power™

Submitted to:

**Arizona Department of Environmental Quality
1110 W. Washington St.
Phoenix, AZ 85007**

Submitted by:

**Salt River Project
P.O. Box 52025 PAB359
Phoenix, AZ 85702-2025**

OCTOBER 2023

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1.0 Executive Summary

The Coronado Generating Station (CGS) is a pulverized coal steam electric generating facility that is wholly owned by the Salt River Project Agricultural Improvement and Power District (“SRP”). The facility is located in Apache County in northeastern Arizona, on approximately 600 acres of a nearly 4,000-acre site, approximately six miles northeast of St. Johns.

The station consists of two generating units, designated as Unit 1 and Unit 2, which have a combined electric generation capacity of 912 gross megawatts. Construction of the CGS facility commenced in June 1975 with the completion of construction of Units 1 and 2 occurring in December 1979 and October 1980, respectively.

CGS is a major stationary source of air emissions operating in accordance with Title 18, Article 2 of the Arizona Administrative Code, and as such holds a Class I (Title V) air quality permit (No. 89460) issued by the Arizona Department of Environmental Quality (ADEQ).

With this application, SRP is requesting a Significant Permit Revision to its current Title V air quality permit to i) revise the two-working day reporting requirements outlined in Condition I.E.1 of Attachment “B” to align with the regulatory reporting requirements under Arizona Administrative Code (“A.A.C.”) R18-2-306.A.5, ii) streamline the reporting requirements listed in Condition I.E.1 and iii) remove the Mercury and Air Toxic Standards (“MATS”) reporting requirements that will no longer be applicable in 2024.

SRP is not proposing any physical or operational changes; therefore, emissions from the facility will not increase as a result of the proposed significant permit revision.

1.1 Application Organization

The remaining sections of the application are organized as follows:

- **Section 2.0 – Description of the Changes** provides a discussion on the requested revisions to the air quality permit.
- **Appendix A – ADEQ Application Forms** contains the standard application form and the Administrative Completeness Checklist.
- **Appendix B – Suggested Permit Language** contains a red-line version of the revisions to permit requirements.

2.0 Description of the Changes

Section 2.0 provides a detailed discussion of the proposed revisions to Air Quality Permit No. 89460.

2.1 Permit Deviation Reporting Revisions

SRP has identified several permit requirements listed under Condition I.E.1 of Attachment “B” that are inconsistent with A.A.C. R18-2-306.A.5.b which states:

“Prompt reporting of deviations from permit requirements, including those attributable to upset conditions as defined in the permit, the probable cause of the deviations, and any corrective actions or preventive measures taken. Where ***the applicable requirement contains a definition of prompt or otherwise specifies a timeframe for reporting deviations, that definition or timeframe shall govern.***” [emphasis added]

To align with the requirements of A.A.C. R18-2-306.A.5.b, SRP is requesting the removal of the following conditions from Condition I.E.1 of Attachment “B”:

Requirement	Description	Justification for Removal
Attachment “B” Conditions II.K.3.a, II.K.3.b(3), II.K.3.b(3), II.K.7.a(2), II.K.7.b(4), II.K.7.a(3)(a), II.K.7.b(7)(a), (b), and (d), II.K.7.a(3)(e), II.K.7.b(8)(a), II.K.7.a(4), II.K.7.a(3)(d), II.K.7.a(5) and (6), and II.K.3.b(4)-(6).	MATS Requirements - The listed requirements cover CEMS, other monitoring systems, performance testing, and compliance demonstration methods required under 40 CFR 63 Subpart UUUUU.	Compliance reports are required to be submitted semiannually (quarterly beginning for reporting year 2024) under 40 CFR 63.10031(c). Since 40 CFR 63 Subpart UUUUU prescribes specific reporting deadlines for these deviations, these requirements should be removed from I.E.1 of Attachment “B”.
Attachment “B” Conditions II.D.3.g, II.E.3.a, and II.G.3.a	New Source Performance Standards (“NSPS”) Subpart D – Continuous Opacity Monitoring (“COMS”) and Continuous Emissions Monitoring System (“CEMS”) Requirements Requirement to calibrate, maintain, and operate a COMS/CEMS to	SRP is required to submit semiannual excess emissions and monitoring system performance reports (“EEMSP”) in accordance with 40 CFR 60.7(c). These reports contain information related to monitoring equipment malfunctions, non-monitoring equipment malfunctions, other known causes, and the total downtime of the CMS for the reporting period.

Requirement	Description	Justification for Removal
	monitor opacity/emissions from Unit 1 and Unit 2.	
Attachment “B” Condition II.H.2.a	Carbon Monoxide (“CO”) CEMS Calibrate, maintain, and operate CEMS for measuring emissions of CO.	SRP is required to submit semiannual EEMSP reports for CO under Condition II.H.2.c of Attachment “B.” Since the permit prescribes a timeline for submitting deviations from monitoring system requirements, SRP is requesting this condition be removed.
Attachment “B” Conditions II.D.3.i(2) and (3)	Compliance Assurance Monitoring (CAM) for Particulate Matter and Opacity – These requirements are for monitoring equipment subject to CAM.	Under 40 CFR 64.9(a)(2) and A.A.C R18-2-309.2.c.iii, excursions from monitoring requirements are required to be reported along with the semiannual compliance report.

2.2 Streamline Reporting Requirements

Removal of the following requirements from Condition I.E.1 of Attachment “B”:

- Attachment “B” Condition II.D.3.a – the CEMS requirement is also identified in Condition II.D.3.e ; and
- Attachment “E” Condition II.F.1.a and II.F.2.a – identical NO_x and SO₂ CEMS requirements are captured in Condition II.G.1 of this Attachment.

2.3 MATS Reporting Requirement Updates

On September 9, 2020, the Environmental Protection Agency (“EPA”) finalized revisions to the MATS reporting rule which requires facilities to submit reports electronically through EPA’s Emissions Collection and Monitoring Plan System (“ECMPS”) tool. As part of the rule change, the EPA increased the reporting frequency for compliance reports from semiannual to quarterly beginning in reporting year 2024. These MATS reporting requirements were incorporated into Renewal Air Quality Permit No. 89460 which was issued by ADEQ on December 1, 2021.

As part of this significant permit revision, SRP is proposing to clarify the reporting requirement language in Condition II.K.4.c(2) and subsection II.K.9 of Attachment "B" to remove reporting requirements prior to 2024. A redlined version of the proposed changes can be found in Appendix B of this application.

APPENDIX A

ADEQ STANDARD PERMIT APPLICATION FORM

SECTION 2.1
ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
Air Quality Division
1110 West Washington • Phoenix, AZ 85007 • Phone: (602) 771-2338

STANDARD CLASS I PERMIT APPLICATION FORM

(As required by A.R.S. § 49-426, and Chapter 2, Article 3, Arizona Administrative Code)

1. Permit to be issued to (Business license name of organization that is to receive permit):
Salt River Project
2. Mailing Address: P.O. Box 52025, PAB 352
City: Phoenix State: AZ ZIP: 85072-2025
3. Name (or names) of Owners/ Principals: Salt River Project Agricultural Improvement and Power District
Phone: _____ Fax: _____ Email: _____
4. Name of Owner's Agent: _____
Phone: _____ Fax: _____ Email: _____
5. Plant/Site Manager/ Contact Person and Title: Mark Prein, Supervisor - CGS Environmental Services
Phone: (928) 205-5395 Fax: _____ Email: Mark.Prein@srpnet.com
6. Plant Site Name: Coronado Generating Station
7. Plant Site Location Address: 6 miles northeast of St. Johns off U.S. Hwy 191
City: St. Johns County: Apache Zip Code: 85936
Indian Reservation (if applicable, which one): Not Applicable
Latitude/ Longitude, Elevation: Latitude: 34 deg, 34 min, 40 sec; Longitude: 109 deg, 16 min, 18 sec; Elevation 5,794 ft
Section/ Township/ Range: _____
8. General Nature of Business: Electrical Power Generation
9. Type of Organization:
 Corporation Individual Owner Partnership Government Entity (Government Facility Code-----)
 Other Agricultural Improvement District/Political Subdivision of State
8. Permit Application Basis: New Source Revision Renewal of Existing Permit
(Check all that apply.)
For renewal or modification, include existing permit number (and exp. date): Permit No. 89460 (Exp. 11/30/2026)
Date of Commencement of Construction or Modification: _____
Primary Standard Industrial Classification Code: 4911
9. I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by ADEQ as public record. I also attest that I am in compliance with the applicable requirements of the Permit and will continue to comply with such requirements and any future requirements that become effective during the life of the Permit. I will present a certification of compliance to ADEQ no less than annually and more frequently if specified by ADEQ. I further state that I will assume responsibility for the construction, modification,

or operation of the source in accordance with Arizona Administrative Code, Title 18, Chapter 2 and any permit issued thereof.

Signature of Responsible Official: Craig R. Larson

Official Title of Signer: Plant Director, Coronado Generating Station

Typed or Printed Name of Signer: Craig R. Larson

Date: 10/12/23 Telephone Number: (928) 337-5501

SECTION 4.0 - APPLICATION ADMINISTRATIVE COMPLETENESS CHECKLIST

	REQUIREMENT	MEETS REQUIREMENTS			COMMENT
		YES	NO	N/A	
1	Has the standard application form been completed?	X			
2	Has the responsible official signed the standard application form?	X			
3	Has a process description been provided?			X	
4	Are the facility's emissions documented with all appropriate supporting information?			X	The proposed revision does not result in any changes to emissions.
5	Is the facility subject to Minor NSR requirements? If the answer is "YES", answer 6a, 6b and 6c as applicable. If the answer is "NO", skip to 7.		X		The proposed revision is not a physical change or a change in the method of operation
6.a	If the facility chooses to implement RACT, is the RACT determination included for the affected pollutants for all affected emission units?				
6.b	If the facility chooses to demonstrate compliance with NAAQS by screen modeling, is the modeling analysis included?				
6.c	If refined modeling has been conducted, is a comprehensive modeling report along with all modeling files included?				
7	Does the application include an equipment list with the type, name, make, model, serial number, maximum rated capacity, and date of manufacture?			X	SRP is not proposing any changes to equipment
8	Does the application include an identification and description of Pollution Controls? (if applicable)			X	
9	For any application component claimed as confidential, are the requirements of AR.S. 49-432 and A.A.C. R18-2-305 addressed?			X	SRP is not claiming confidentiality
10	For any current non-compliance issue, is a compliance schedule attached?			X	
11	For minor permit revision that will make a modification upon submittal of application, has a suggested draft permit been attached?			X	
12	For major sources, have all applicable requirements been identified?	X			
13	For major sources, has a CAM applicability analysis been provided? For CAM applicable units, have CAM plans been provided?			X	
14	For major sources subject to requirements under Article 4 of the A.A.C., have all necessary New Source Review analyses identified in the application been presented?			X	

APPENDIX B

SUGGESTED PERMIT LANGUAGE

Revisions to Condition II.K.4.c(2) of Attachment “B”

- (2) ~~Prior to January 1, 2024, the Permittee shall report the tune-up date electronically, in a PDF file, in the semiannual compliance report, as specified in Conditions II.K.9.l and n and, if requested by the Administrator, in hard copy, as specified in Condition II.K.9.m. On and after January 1, 2024, t~~The Permittee shall report the tune-up date electronically in the quarterly compliance report, in accordance with Condition II.K.9.o and Section 10.2 of Appendix E to 40 CFR 63 Subpart UUUUU. The tune-up report date is the date when tune-up requirements in Conditions II.K.4.b(6) and (7) are completed.

[40 CFR 63.10021(e)(9)]

Revisions to Subsection II.K.9 of Attachment “B”

9. Reporting Requirements

- a. Periods of monitoring system malfunctions or monitoring system out-of-control periods, repairs associated with monitoring system malfunctions or monitoring system out-of-control periods, and required monitoring system quality assurance or quality control activities excluding zero and span checks shall be reported by the Permittee as time the monitor was inoperative (downtime) under 63.10(c). Failure to collect required quality-assured data during monitoring system malfunctions, monitoring system out-of-control periods, or repairs associated with monitoring system malfunctions or monitoring system out-of-control periods is a deviation from the monitoring requirements.

[40 CFR 63.10020(d)]

- b. The Permittee shall submit reports on boiler tune-ups in accordance with Condition II.K.4.c.

[40 CFR 63.10021(e)(8) and (9)]

- c. The Permittee shall submit the applicable reports and notifications required under Conditions II.K.9.e through p to the Administrator electronically, using EPA's Emissions Collection and Monitoring Plan System (ECMPS) Client Tool. If the final date of any time period (or any deadline) for any of these submissions falls on a weekend or a Federal holiday, the time period shall be extended to the next business day. Moreover, if the EPA Host System supporting the ECMPS Client Tool is offline and unavailable for submission of reports for any part of a day when a report would otherwise be due, the deadline for reporting is automatically extended until the first business day on which the system becomes available following the outage. Use of the ECMPS Client Tool to submit a report or notification required under 40 CFR 63 Subpart UUUUU satisfies any requirement under 40 CFR 63 Subpart A to submit that same report or notification (or the information contained in it) to the

appropriate EPA Regional office or state agency whose delegation request has been approved.

[40 CFR 63.10021(f)]

- d. The Permittee shall report each instance in which the Permittee did not meet an applicable emissions limit or operating limit in Tables 2 and 3 to 40 CFR 63 Subpart UUUUU or failed to conduct a tune-up as required in Condition II.K.4. These instances are deviations from the requirements of 40 CFR 63 Subpart UUUUU and shall be reported according to Conditions II.K.9.e through p.

[40 CFR 63.10021(g)]

- e. The Permittee shall submit ~~to the Director all reports required by Table 8 of 40 CFR 63 Subpart UUUUU and 40 CFR 63.10031~~ the following reports, as applicable.

[40 CFR 63.10031(a), ~~Table 8 of 40 CFR 63 Subpart UUUUU~~]

- (1) If the Permittee is required to (or elects to) monitor Hg emissions continuously, the Permittee shall meet the electronic reporting requirements of Appendix A of 40 CFR 63 Subpart UUUUU.

[40 CFR 63.10031(a)(1), ~~Table 8 of 40 CFR 63 Subpart UUUUU~~]

- (2) If the Permittee elects to monitor filterable PM emissions continuously, the Permittee shall meet the electronic reporting requirements of Appendix C to 40 CFR 63 Subpart UUUUU. Electronic reporting of hourly PM emissions data using the ECMPS Client Tool shall begin with the later of the first operating hour on or after January 1, 2024; or the first operating hour after completion of the initial PM CEMS correlation test. Where applicable, these reports are due no later than 30 days after the end of each calendar quarter.

[40 CFR 63.10031(a)(3), ~~Table 8 of 40 CFR 63 Subpart UUUUU~~]

- (3) If the Permittee elects to monitor SO₂ emission rate continuously as a surrogate for HCl, the Permittee shall use the ECMPS Client Tool to submit the following information to EPA (except where it is already required to be reported or has been previously provided under the Acid Rain Program or another emissions reduction program that requires the use of 40 CFR Part 75):

[40 CFR 63.10031(a)(5), ~~Table 8 of 40 CFR 63 Subpart UUUUU~~]

- (a) Monitoring plan information for the SO₂ CEMS and for any additional monitoring systems that are required to convert SO₂ concentrations to units of the emission standard, in accordance with 40 CFR 75.62 and 40 CFR 75.64(a)(4);

[40 CFR 63.10031(a)(5)(i)]

- (b) Certification, recertification, quality-assurance, and diagnostic test results for the SO₂ CEMS and for any additional monitoring systems that are required to convert

SO₂ concentrations to units of the emission standard, in accordance with 40 CFR 75.64(a)(5); and
[40 CFR 63.10031(a)(5)(ii)]

(c) Quarterly electronic emissions reports. The Permittee shall submit an electronic quarterly report within 30 days after the end of each calendar quarter, starting with a report for the calendar quarter in which the initial 30 boiler operating day performance test begins. Each report shall include the following information:

[40 CFR 63.10031(a)(5)(iii)]

(i) The applicable operating data specified in 40 CFR 75.57(b);

[40 CFR 63.10031(a)(5)(iii)(A)]

(ii) An hourly data stream for the unadjusted SO₂ concentration (in ppm, rounded to one decimal place), and separate unadjusted hourly data streams for the other parameters needed to convert the SO₂ concentrations to units of the standard. (Note: If a default moisture value is used in the emission rate calculations, an hourly data stream is not required for moisture; rather, the default value shall be reported in the electronic monitoring plan);

[40 CFR 63.10031(a)(5)(iii)(B)]

(iii) An hourly SO₂ emission rate data stream, in units of the standard (i.e., lb/MMBtu or lb/MWh, as applicable), calculated according to 40 CFR 63.10007(e) and (f)(1), rounded to the same precision as the emission standard (i.e., with one leading non-zero digit and one decimal place), expressed in scientific notation. Use the following rounding convention: if the digit immediately following the first decimal place is 5 or greater, round the first decimal place upward (increase it by one); if the digit immediately following the first decimal place is 4 or less, leave the first decimal place unchanged;

[40 CFR 63.10031(a)(5)(iii)(C)]

(iv) The results of all required daily quality-assurance tests of the SO₂ monitor and the additional monitors used to convert SO₂ concentration to units of the standard, as specified in Appendix B to 40 CFR Part 75; and

[40 CFR 63.10031(a)(5)(iii)(D)]

(v) A compliance certification, which includes a statement, based on reasonable inquiry of those

persons with primary responsibility for ensuring that all SO₂ emissions from the affected EGUs under 40 CFR 63 Subpart UUUUU have been correctly and fully monitored, by a responsible official with that official's name, title, and signature, certifying that, to the best of his or her knowledge, the report is true, accurate, and complete. The Permittee shall submit such a compliance certification statement in support of each quarterly report.

[40 CFR 63.10031(a)(5)(iii)(E)]

~~f.~~ The Permittee shall submit ~~semiannual compliance reports according to the following requirements:~~

~~[40 CFR 63.10031(b), Table 8 of 40 CFR 63 Subpart UUUUU]~~

~~(1) Each compliance report must cover the semiannual reporting period from January 1st through June 30th or the semiannual reporting period from July 1st through December 31st.~~

~~[40 CFR 63.10031(b)(3)]~~

~~(2) Each compliance report must be submitted electronically no later than July 31st or January 31st, whichever date is the first date following the end of the semiannual reporting period.~~

~~[40 CFR 63.10031(b)(4)]~~

~~(3) Through the reporting period that ends December 31st, 2023, the Permittee may submit the semiannual compliance reports according to the dates the Director has established instead of according to the dates in Conditions II.K.9.f(1) and (2).~~

~~[40 CFR 63.10031(b)(5)]~~

~~g.f.~~ The final semiannual compliance report shall cover the reporting period from July 1st, 2023, through December 31st, 2023. ~~Quarterly compliance reports shall be submitted thereafter,~~ in accordance with Condition II.K.9.o, starting with a report covering the first calendar quarter of 2024.

[40 CFR 63.10031(b)(6)]

~~h.g.~~ The Permittee shall submit the ~~quarterly~~ ~~semiannual~~ compliance report containing the following:

[40 CFR 63.10031(c)]

~~(1) The information required by the summary report located in 40 CFR 63.10(e)(3)(vi).~~

~~[40 CFR 63.10031(e)(1)]~~

~~(2)(1)~~ The total fuel use by each affected source subject to an emission limit, for each calendar month within the ~~quarterly~~ reporting period, including, but not limited to, a description of the fuel, whether the fuel has received a non-waste determination by EPA or the Permittee's basis for concluding that the fuel is not a waste, and the total fuel usage amount with units of measure.

[40 CFR 63.10031(c)(2)]

~~(3)~~(2) Indicate whether the Permittee burned new types of fuel during the reporting period. If the Permittee did burn new types of fuel the Permittee shall include the date of the performance test where that fuel was in use.

[40 CFR 63.10031(c)(3)]

~~(4)~~(3) Include the date of the most recent tune-up for each EGU. The date of the tune-up is the date the tune-up provisions specified in 40 CFR 63.10021(e)(6) and (7) were completed.

[40 CFR 63.10031(c)(4)]

~~(5)~~(4) A certification.

[40 CFR 63.10031(c)(8)]

~~(6)~~(5) If there are any deviations from any emission limits, work practice standard, or operating limit, the Permittee shall also submit a brief description of the deviation, the duration, emissions point identification, and the cause of the deviation.

[40 CFR 63.10031(c)(9)]

~~(7)~~(6) If there were any process or control equipment malfunction(s) during the reporting period, the Permittee shall include the number, duration, and a brief description for each type of malfunction which occurred during the **semiannual** reporting period which caused or may have caused any applicable emission limitation to be exceeded.

[40 CFR 63.10031(c)(10)]

~~i.h.~~ The ~~semiannual compliance reports described in Condition II.K.9.g shall include the excess emissions and monitor downtime summary described in 40 CFR 63.10(e)(3)(vi). However, starting with the first calendar quarter of 2024, reporting of the information under 40 CFR 63.10(e)(3)(vi) (and under paragraph (e)(3)(v), if the applicable excess emissions and/or monitor downtime threshold is exceeded) is discontinued for all CMS, and the Permittee shall, instead, include in the quarterly compliance reports described in Condition II.K.9.o~~ the applicable data elements in Section 13 of Appendix E to 40 CFR 63 Subpart UUUUU for any “deviation” (as defined in 40 CFR 63.10042 and elsewhere in 40 CFR 63 Subpart UUUUU) that occurred during the calendar quarter in the quarterly compliance reports described in Condition II.K.9.o. If there were no deviations, the Permittee shall include a statement to that effect in the quarterly compliance report.

[40 CFR 63.10031(d)]

~~j.i.~~ The Permittee shall report all deviations as defined in 40 CFR 63 Subpart UUUUU in the semiannual monitoring report required by Condition VII.A of Attachment “A” 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A). If the Permittee submits ~~a semiannual compliance report pursuant to II.K.9.g and h, or~~ two quarterly compliance reports covering the appropriate calendar half pursuant to II.K.9.o, along with, or as part of, the semiannual monitoring report required by Condition VII.A of Attachment “A” 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A), and the

compliance report(s) includes all required information concerning deviations from any emission limit, operating limit, or work practice requirement in 40 CFR 63 Subpart UUUUU, submission of the compliance report(s) satisfies any obligation to report the same deviations in the semiannual monitoring report. Submission of the compliance report(s) does not otherwise affect any obligation the Permittee may have to report deviations from permit requirements to the permit authority.

[40 CFR 63.10031(e)]

~~k.j. For each RATA of an Hg or SO₂ monitoring system completed prior to January 1, 2024, and for each PM CEMS correlation test, each relative response audit (RRA) and each response correlation audit (RCA) of a PM CEMS completed prior to that date, the Permittee shall submit a PDF test report in accordance with II.K.9.n, no later than 60 days after the date on which the test is completed. For each SO₂ or Hg RATA completed on or after January 1, 2024, the Permittee shall submit the applicable reference method information in sections 17 through 31 of Appendix E to 40 CFR 63 Subpart UUUUU prior to or concurrent with the relevant quarterly emissions report. For correlation tests, RRAs, and RCAs of PM CEMS that are completed on or after January 1, 2024, the Permittee shall submit the Appendix E reference method information together with the summarized electronic test results, in accordance with Section 7.2.4 of Appendix C to 40 CFR 63 Subpart UUUUU.~~

[40 CFR 63.10031(f)(1)]

~~l.k. If, for a particular EGU, the Permittee has elected to demonstrate compliance using a PM CEMS, the Permittee shall submit quarterly PDF reports in accordance with Condition II.K.9.n, which include all of the 30-boiler operating day rolling average emission rates derived from the CEMS data. The quarterly reports are due within 60 days after the reporting periods ending on March 31st, June 30th, September 30th, and December 31st. Submission of these quarterly reports in PDF files shall end with the report that covers the fourth calendar quarter of 2023. Beginning with the first calendar quarter of 2024, the compliance averages shall no longer be reported separately, but shall be incorporated into the quarterly compliance reports described in Condition II.K.9.o. In addition to the compliance averages for PM CEMS, the quarterly compliance reports described in Condition II.K.9.o shall also include the 30-boiler operating day rolling average emission rates for Hg and SO₂, if the Permittee has elected to (or is required to) continuously monitor these pollutants. Further, if the EGU is in an averaging plan, the quarterly compliance reports shall identify all of the EGUs in the plan and shall include all of the 30-group boiler operating day rolling weighted average emission rates (WAERs) for the averaging group.~~

[40 CFR 63.10031(f)(2)]

~~m.l. The Permittee shall submit quarterly semiannual compliance reports required under Conditions II.K.9.f through h, ending with a report covering the semiannual period from July 1st through December 31st, 2023, as PDF files. Quarterly compliance reports shall be submitted in XML~~

format ~~thereafter~~, in accordance with Condition II.K.9.o, ~~starting with a report covering the first calendar quarter of 2024.~~

[40 CFR 63.10031(f)(4)]

~~n. All reports required by 40 CFR 63 Subpart UUUUU not subject to the requirements in Conditions II.K.9.j through l shall be sent to the Director at 1110 West Washington Street, Phoenix, Arizona 85007. These reports may be submitted on electronic media. The Director retains the right to require submittal of reports subject to Conditions II.K.9.j through l in paper format.~~

[40 CFR 63.10031(f)(5)]

~~o.m.~~ All reports and notifications described in Conditions II.K.9.j through l shall be submitted to the EPA in the specified format and at the specified frequency using the ECMPS Client Tool. Each PDF version of a CEMS RATA report, PM CEMS correlation test report, RRA report, and RCA report must include sufficient information to assess compliance and to demonstrate that the reference method testing was done properly. ~~Note that EPA will continue to accept, as necessary, PDF reports that are being phased out at the end of 2023, if the submission deadlines for those reports extend beyond December 31st, 2023.~~ The data elements in 40 CFR 63.10031(f)(6)(i) thru (xii) must be entered into the ECMPS Client Tool at the time of submission of each PDF file.

[40 CFR 63.10031(f)(6)]

~~p.n.~~ ~~Starting with a report for the first calendar quarter of 2024,~~ The Permittee shall use the ECMPS Client Tool to submit quarterly electronic compliance reports. Each quarterly compliance report shall include the applicable data elements in sections 2 through 13 of Appendix E to 40 CFR 63 Subpart UUUUU. The compliance reports and associated Appendix E information shall be submitted no later than 60 days after the end of each calendar quarter.

[40 CFR 63.10031(g)]

~~q.o.~~ If the Permittee elects to use a certified PM CEMS to monitor PM emissions continuously to demonstrate compliance with 40 CFR 63 Subpart UUUUU and began recording valid data from the PM CEMS prior to November 9, 2020, the Permittee shall use the ECMPS Client Tool to submit a detailed report of the PS 11 correlation test (see Appendix B to 40 CFR Part 60) in a PDF file no later than 60 days after that date. ~~For a correlation test completed on or after November 9, 2020, but prior to January 1, 2024, the Permittee shall submit the PDF report no later than 60 days after the date on which the test is completed.~~ For a correlation test completed on or after January 1, 2024, the Permittee shall submit the PDF report according to Section 7.2.4 of Appendix C to 40 CFR 63 Subpart UUUUU. The applicable data elements in 40 CFR 63.10031(f)(6)(i) through (xii) shall be entered into ECMPS with the PDF report.

[40 CFR 63.10031(j)]

~~r.p.~~ Permit Shield

Compliance with Section II.K.9 shall be deemed compliance with 40 CFR 63.10011(g)(3), 63.10020(d), 63.10021(e)(8), (e)(9), (f), & (g), 63.10031(a), (a)(1), (a)(3), (a)(5), (b), (b)(3), (b)(4), (b)(5), (b)(6), (c), (c)(1), (c)(2), (c)(3), (c)(4), (c)(8), (c)(9), (c)(10), (d), (e), (f)(1), (f)(2), (f)(4), (f)(5), (f)(6), (g), & (j), and Table 8 of 40 CFR 63 Subpart UUUUU.

[A.A.C. R18-2-325]

Revisions to Condition I.E.1 of Attachment “B”.

E. Reporting Requirements

1. Deviations from the following permit conditions shall be promptly reported in accordance with Condition XI.B.2 of Attachment “A”:

[A.A.C. R18-2-306.A.5.b]

~~a. General Conditions for Operation of Monitoring Systems~~

~~(1) Condition II.K.3.a of Attachment “B”~~

~~(2) Condition II.K.3.b(3) of Attachment “B”~~

~~(3) Condition II.K.7.a(2) of Attachment “B”~~

~~(4) Condition II.K.7.b(4) of Attachment “B”~~

~~b.a. Conditions for PM CEMS and COMS~~

~~(1) Conditions II.D.3.a and e of Attachment “B”~~

~~(2) Condition II.D.3.g of Attachment “B”~~

~~(3) Conditions II.D.3.i(2) and (3) of Attachment “B”~~

~~(4) Condition II.K.7.a(3)(a) of Attachment “B”~~

~~(5) Conditions II.K.7.b(7)(a), (b), and (d) of Attachment “B”~~

~~e.b. Conditions for NO_x and SO₂ CEMS~~

~~(1) Condition II.E.3.a of Attachment “B”~~

~~(2)(1) Condition II.F.1.a of Attachment “E”~~

~~(3)(2) Condition II.G.1 of Attachment “E”~~

~~d. Conditions for SO₂ CEMS~~

~~(1) Condition II.G.3.a of Attachment “B”~~

~~(2) Condition II.K.7.a(3)(b) of Attachment “B”~~

~~(3) Conditions II.K.7.b(6)(a) and (b) of Attachment “B”~~

~~(4) Condition II.F.2.a of Attachment “E”~~

~~(5) Condition II.G.1 of Attachment “E”~~

~~e. Conditions for Mercury (Hg) CEMS~~

~~(1) — Condition II.K.7.a(3)(d) of Attachment “B”~~

~~(2) — Condition II.K.7.a(5) of Attachment “B”~~

f.c. Conditions for CO₂, ~~CO~~, and O₂ CEMS

(1) Condition II.F.1.a of Attachment “B”

~~(2) — Condition II.H.2.a of Attachment “B”~~

~~(3) — Condition II.K.7.a(4) of Attachment “B”~~

~~g.~~ Conditions for Other Monitoring Systems

~~(1) — Condition II.K.7.a(3)(d) of Attachment “B”~~

~~(2) — Conditions II.K.7.a(5) and (6) of Attachment “B”~~

h.d. Conditions for the Operation of Pollution Control Devices

(1) Conditions II.D.2.a, b, and c of Attachment “B”

(2) Condition II.E.2 of Attachment “B”

(3) Condition II.G.2 of Attachment “B”

~~(4) — Condition II.K.3.a of Attachment “B”~~

~~(5) — Conditions II.K.3.b(4), (5), and (6) of Attachment “B”~~

~~(6)(4)~~ Condition V.C.2.a of Attachment “B”

~~(7)(5)~~ Condition VI.B.2 of Attachment “B”

~~(8)(6)~~ Condition VII.C.2 of Attachment “B”

~~(9)(7)~~ Condition X.B.2 of Attachment “B”

~~(10)(8)~~ Conditions II.E.1, 2, 3, 4, and 5 of Attachment “E”