

Commonwealth Edison Company
Quad Cities Generating Station
22710 206th Avenue North
Cordova, IL 61242-9740
Tel 309-654-2241



June 13, 2000

SVP-00-099

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D C 20555

Quad Cities Nuclear Power Station, Units 1 and 2
Facility Operating License Nos. DPR-29 and DPR-30
NRC Docket Nos. 50-254 and 50-265

Subject: Issuance of National Pollutant Discharge Elimination System (NPDES)
Permit No. IL 0005037

In accordance with Technical Specification, Appendix B, Section 2.2, "Reporting Related to the NPDES Permits and State Certifications," our recently issued Quad Cities Nuclear Power Station permit is enclosed in the attachment.

Should you have any questions concerning this letter, please contact Mr. C.C. Peterson at (309) 654-2241, extension 3609.

Respectfully,


Joel P. Dimmette, Jr.
Site Vice President
Quad Cities Nuclear Power Station

Attachment: NPDES Permit No. IL 0005037

cc: Regional Administrator – NRC Region III
NRC Senior Resident Inspector – Quad Cities Nuclear Power Station

Attachment A

NPDES Permit No. IL 0005037



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276

THOMAS V. SKINNER, DIRECTOR

217/782-0610

May 26, 2000

Commonwealth Edison Company
Post Office Box 767
Environmental Services
Chicago, Illinois 60690

Re: Commonwealth Edison Company
Quad Cities Generating Station
NPDES Permit No. IL0005037
Final Permit

Gentlemen:

Attached is the final NPDES Permit for your discharge. The Permit as issued covers discharge limitations, monitoring, and reporting requirements. The failure of you to meet any portion of the Permit could result in civil and/or criminal penalties. The Illinois Environmental Protection Agency is ready and willing to assist you in interpreting any of the conditions of the Permit as they relate specifically to your discharge.

The Permit as issued is effective as of the date indicated on the first page of the Permit. You have the right to appeal any condition of the Permit to the Illinois Pollution Control Board within a 35 day period following the issuance date.

To assist you in meeting the self-monitoring and reporting requirements of your reissued NPDES permit, a supply of preprinted Discharge Monitoring Report (DMR) forms for your facility is being prepared. These forms will be sent to you prior to the initiation of DMR reporting under the reissued permit. Additional information and instructions will accompany the preprinted DMRs upon their arrival.

Should you have questions concerning the Permit, please contact Blaine Kinsley at the telephone number indicated above.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Thomas G. McSwiggin".

Thomas G. McSwiggin, P.E.
Manager, Permit Section
Division of Water Pollution Control

TGM:SFN:BAK:99123001.daa

Attachment: Final Permit

cc: Records
Compliance Assurance Section
Peoria Region
Jim Bolte - ComEd
Iowa DNR

Illinois Environmental Protection Agency
Bureau of Water, Division of Water Pollution Control
Permit Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

Iowa Department of Natural Resources
Wastewater Section
Henry A. Wallace Building
900 East Grand Avenue
Des Moines, Iowa 50316

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date: May 31, 2005

Issue Date: May 26, 2000
Effective Date: June 1, 2000

Name and Address of Permittee:

Commonwealth Edison Company
Post Office Box 767-
Environmental Services
Chicago, Illinois 60690

Facility Name and Address:

Quad Cities Generating Station
22710 206th Avenue North
Cordova, Illinois 61242
(Rock Island County)

Discharge Number and Name:

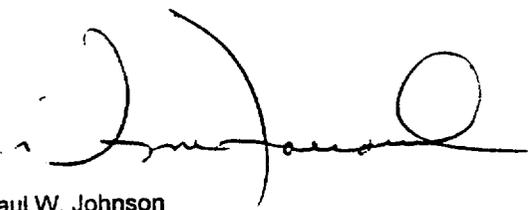
001/002 Open Cycle Diffusers
B01 Wastewater Treatment System
C01 Sanitary Waste Treatment Plant
A02 Radwaste Treatment System Blowdown

Receiving Waters:

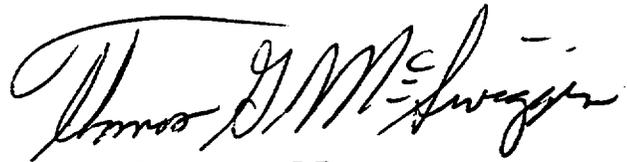
Mississippi River
Mississippi River
Mississippi River
Mississippi River

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.



Paul W. Johnson
Director
Iowa Department of Natural Resources
by Wayne Farrand, Supervisor
Wastewater Section
Environmental Protection Division



Thomas G. McSwiggin, P.E.
Illinois Environmental Protection Agency
Manager, Permit Section
Division of Water Pollution Control

NPDES Permit No. IL0005037

Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
1. From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:						
Outfall(s): 001 and 002 Open Cycle Diffusers						
-This discharge consists of:						
					Approximate Flow	
						970.4 MGD
						40MGD
						0.051 MGD
						0.034 MGD
						0.008 MGD
						0.126 MGD
						0.508 MGD
						Intermittent
						Intermittent
Flow (MGD)					Daily	24 hr total
pH	See Special Condition No. 1				1/Month	Grab
Total Residual Chlorine/Total Residual Oxidant**			0.2		1/Week	Grab
Temperature	See Special Condition No. 6				Daily	Continuous Recording

*This sub-waste stream discharges only through Outfall 002, all other sub-waste streams are common to both Outfalls 001 and 002.
 **This sub-waste stream is an alternate routing from Outfall 001(b). See Special Condition 18.
 ***See Special Conditions 3 and 4. The discharge limit of 0.2 mg/l applies when chlorine compounds are used as the sole biocide. See Special Condition 15 for requirements when bromine biocides are used.

NPDES Permit No. IL0005037

Effluent Limitations and Monitoring

1. From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVG.	DAILY MAX.	30 DAY AVG.	DAILY MAX.		
Outfall(s): 001(b) Wastewater Treatment System****						
This discharge consists of:*****					Approximate Flow (MGD)	
	Crib House Floor Drain Sump				0.033	
	Oil Separator discharges				0.0015	
	Roof and floor drains				Intermittent	
	Portable Demineralizer rinse water				Intermittent	
Flow (MGD)					1/Week	24 hr total
Total Suspended Solids			15	30	1/Week	8 hr Composite
Oil and Grease			15	20	1/Month	Grab
Outfall(s): 001(c) Sanitary Waste Treatment Plant (DMF 0.06 MGD)						
					Approximate Flow 0.008 (MGD)	
Flow (MGD)					2/Month	24 hr total
pH	See Special Condition No. 1				2/Month	Grab
BOD ₅	15	30	30	60	2/Month	24 hr Composite
Fecal Coliform	See Special Condition No. 9				2/Month	Grab
Total Suspended Solids	15	30	30	60	2/Month	24 hr Composite

****Wastewater Treatment System effluent is routed through an oil/water separator prior to discharge.

*****The listed contributory waste streams all pass through an oil/water separator (Unit 1/2 oil/water separator) prior to entering the wastewater treatment plant. Crib House Floor Drain Sump water may be discharged directly to Outfalls 001/002 open cycle diffuser as an alternate route. See Special Condition 18.

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Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVG.	DAILY MAX.	30 DAY AVG.	DAILY MAX.		

1. From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfall(s): 002(a) Radwaste Treatment System Blowdown*****

This discharge consists of:

Approximate Flow 0.0422 (MGD)

- Reactor Water
- Contaminated Floor Drains
- Equipment Drains
- Condensate Demineralizer Filter Backwash
- Reactor Cleanup Demineralizer Filter Backwash
- Laboratory Wastewater
- Sodium Pentaborate Tank Testing Drainage

Flow (MGD)					Daily	24 hr total
Total Suspended Solids			15	30	1/Week When Discharging	Grab
Oil and Grease			15	20	1/Month When Discharging	Grab
Boron	See Special Condition No. 17				1/Discharge Period	Grab

*****The permittee shall comply with the Nuclear Regulatory Commission Title 10 (10 CFR 0.735-1) regulations for discharge and monitoring of radioactive wastewater discharges. Wastewater is generally batch treated and recycled, therefore the daily average discharge rate from Outfall No. 002(a) does not reflect influent flow rates.

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Special Conditions

SPECIAL CONDITION 1. The pH shall be in the range 6.0 to 9.0.

SPECIAL CONDITION 2. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 3. A minimum of three grab samples shall be taken at approximately five minute intervals in the discharge bay at the diffuser pipes during the respective sodium bromide and/or chlorine injection period of a generating unit allowing for lag time between the initiation of injection and the point of sampling before the first grab sample is taken. The individual values and average (mean) values for each set of samples shall be reported including the Unit sampled, the times samples were collected, the time and duration of the sodium bromide and/or chlorine dosing period plus the rate and amount (lbs.) of sodium bromide and/or chlorine applied. For purposes of reporting, the daily discharge shall be the average of all non-zero values measured in a day and the monthly average shall be the average of all daily discharges.

For the purpose of determining compliance, the highest single instantaneous TRC/TRO concentration measured on any day will be regarded as the daily maximum concentration. Total residual oxidant concentration shall be measured and reported in terms of total residual chlorine.

SPECIAL CONDITION 4. Neither total residual chlorine nor total residual oxidant may be discharged from any unit's main condenser for more than two hours in any one day. Not more than one of the unit's main condensers may discharge total residual chlorine or total residual oxidant at any one time unless the permittee can demonstrate to the Agency that doing so will not violate water quality limitations of the State. Simultaneous chlorination of the generating units will require a modification of the permit. The Agency will public notice the permit modification.

SPECIAL CONDITION 5. Nothing in this permit affects or abrogates the responsibilities or commitments of the Permittee herein as set forth in the agreement entered into by the Permittee in the consolidated cases of Izaak Walton League of America, et. al. v. Schlesinger, No. 2208-71 and People of the State of Illinois, et. al. v. United States Atomic Energy Commission, No. 2208-71 (U.S. District Court, District of Columbia).

SPECIAL CONDITION 6. Discharge of wastewater from this facility must not alone or in combination with other sources cause the receiving stream to violate the following thermal limitations at the edge of the mixing zone:

- A. Maximum temperature rise above natural temperature must not exceed 5°F.
- B. Water temperature at representative locations in the main river shall not exceed the maximum limits in the following table during more than one (1) percent of the hours in the 12-month period ending with any month. Moreover, at no time shall the water temperature at such locations exceed the maximum limits in the following table by more than 3°F. (Main river temperatures are temperatures of those portions of the river essentially similar to and following the same thermal regime as the temperatures of the main flow of the river.)

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
°F	45	45	57	68	78	85	86	86	85	75	65	52

- C. The area of diffusion of an effluent in the receiving water is a mixing zone, and that mixing zone shall not extend:
 - i) over more than 25 percent of the cross sectional area or volume of flow in the Mississippi River;
 - ii) more than 26 acres of the Mississippi River

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Special Conditions

Permittee shall monitor river flow weekly and ambient river temperature (at or upstream of unit intakes) daily. When river flows are greater than 16,000 cfs and ambient temperatures are 5° F or more lower than the monthly limiting temperatures, the permittee shall be deemed in compliance with the above temperature limitations, based upon the temperature monitoring curve.¹ If river flows are greater than 11,000 cfs and ambient temperatures are within 5° F of the monthly limiting temperatures, the permittee may demonstrate compliance with the above temperature limitations by use of plant load, river flow, and ambient temperature data and the temperature monitoring curve in lieu of actual measurement of the 500 feet downstream river cross section temperature. If river flows are less than 11,000 cfs, temperature surveys at the 500 feet downstream river cross section shall be performed once per week during any week that the generating units discharge heated effluent to the river.² In the event that the compliance monitoring shows that the permittee has caused the monthly limiting temperature to be exceeded, the number of hours of such exceedance shall be reported on the permittee's Discharge Monitoring Report.

The following data shall be collected and recorded:

1. Daily continuous recording of the station discharge rate.
2. Daily continuous recording of the temperature of the station discharge.
3. Weekly determination of the river flow rate (daily when river flows fall below 18,000 cfs).
4. Daily determination of the ambient temperature of the river.
5. Daily determination of the station load.
6. As deemed necessary according to the above data, daily determination of the induced cross sectional average temperature at the 500 foot downstream cross section in the river.

SPECIAL CONDITION 7. There shall be no discharge of polychlorinated biphenyl compounds from any discharge.

SPECIAL CONDITION 8. There shall be no discharge of complexed metal bearing wastestreams and associated rinses from chemical metal cleaning, unless this permit has been modified to include the new discharge.

SPECIAL CONDITION 9. The daily maximum fecal coliform count examined twice per month shall not exceed 400 per 100 ml.

SPECIAL CONDITION 10. Commonwealth Edison Company's demonstration for the Quad Cities Nuclear Power Station in accordance with Section 316(a) and 316(b) of the Clean Water Act was approved by IEPA by letter dated July 28, 1981 and by the Iowa Department of Environmental Quality (IDEQ) by letter dated May 18, 1981. Based on these conclusions the following actions by the permittee are required:

- A. The permittee shall monitor fish impingement once per week, year round. Each year's data shall be tabulated and compared to historical fish impingement data for the same period with the results submitted to IEPA Permit Section and Compliance Assurance Section by July 28, each year.
- B. The permittee shall monitor water temperatures as described in Special Condition 6.

SPECIAL CONDITION 11. A permittee who wishes to establish the affirmative defense of upset as defined in 40 CFR 122.41(n) shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that: An upset occurred and that the permittee can identify the cause(s) of the upset; the permitted facility was at the time being properly operated; the permittee submitted notice of the upset as required in standard condition 12 of this permit; and the permittee complied with any remedial measures required in standard condition 4 of this permit.

SPECIAL CONDITION 12. Discharge is allowed from the Unit 1 oil/water separator and the Unit 2 oil/water separator in accordance with the Spill Prevention Control and Countermeasure Plan (SPCC). If an applicable effluent standard or water quality related effluent limitation is promulgated under Section 301 and 302 of the Clean Water Act (CWA) and that effluent or water quality standard or limitation is more stringent than any effluent or water quality limitations in this permit, or controls a pollutant not limited in this NPDES Permit, the Agency shall revise or modify the permit in accordance with the promulgated standard and shall notify the permittee.

¹The temperature monitoring curve identified as TMC-1 as shown on p. 31 of the January 1990 "Evaluation of the Quad Cities Nuclear Generating Station Diffuser Pipe System at Low River Flows."

²Temperature surveys shall not be required during periods when ice formation renders the Mississippi River inaccessible or unsafe for marine activity.

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Special Conditions

SPECIAL CONDITION 13. The permittee shall record monitoring results on Discharge Monitoring Report Forms using one such form for each discharge each month.

SPECIAL CONDITION 14. The completed Discharge Monitoring Report forms shall be mailed and received by the IEPA no later than the 28th day of the following month, unless otherwise specified by the permitting authority. Discharge Monitoring Reports shall be mailed to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand Avenue East
Springfield, Illinois 62706
Attention: Compliance Assurance Section

SPECIAL CONDITION 15. A discharge limit of 0.05 mg/l (instantaneous maximum) shall be achieved for total residual oxidant when bromine biocides are used for condenser biofouling control, in accordance with Special Condition 3.

SPECIAL CONDITION 16. The Agency has determined that the effluent limitations in this permit constitute BAT/BCT for storm water which is treated in the existing treatment facilities for purposes of this permit reissuance, and no pollution prevention plan will be required for such storm water. In addition to the chemical specific monitoring required elsewhere in this permit, the permittee shall conduct an annual inspection of the facility site to identify areas contributing to a storm water discharge associated with industrial activity, and determine whether any facility modifications have occurred which result in previously-treated storm water discharges no longer receiving treatment. If any such discharges are identified the permittee shall request a modification of this permit within 30 days after the inspection. Records of the annual inspection shall be retained by the permittee for the term of this permit and be made available to the Agency on request.

SPECIAL CONDITION 17. The permittee shall monitor for boron during periods when Sodium Pentaborate is discharged as a result of tank testing and connection drainage from components in the radwaste treatment system. The effluent boron concentration in the subject discharge shall not cause the receiving stream to exceed the water quality standards in Section 302 of 35 Ill. Adm. Code, Chapter 1, Subtitle C. This permit may be modified to include effluent limitations or requirements which are consistent with applicable laws, regulations, or judicial orders. The Agency will public notice the permit modification.

SPECIAL CONDITION 18. Crib House Floor Drain Sump shall only be routed to the Outfall 001/002 Open Cycle Diffusers during periods when increased pump seal cooling water leakage is significant enough so as to overload the wastewater treatment plant. Alternate routing of this discharge shall not take place in lieu of proper maintenance and operation of the circulating pumps.

Attachment H
Standard Conditions

Definitions

Act means the Illinois Environmental Protection Act, 415 ILCS 5 as Amended.

Agency means the Illinois Environmental Protection Agency.

Board means the Illinois Pollution Control Board.

Clean Water Act (formerly referred to as the Federal Water Pollution Control Act) means Pub. L 92-500, as amended, 33 U.S.C. 1251 et seq.

NPDES (National Pollutant Discharge Elimination System) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

USEPA means the United States Environmental Protection Agency.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

Maximum Daily Discharge Limitation (daily maximum) means the highest allowable daily discharge.

Average Monthly Discharge Limitation (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

Average Weekly Discharge Limitation (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Aliquot means a sample of specified volume used to make up a total composite sample.

Grab Sample means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

24 Hour Composite Sample means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

8 Hour Composite Sample means a combination of at least 3 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

Flow Proportional Composite Sample means a combination of sample aliquots of at least 100 milliliters collected at periodic intervals such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

- (1) **Duty to comply.** The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.
- (2) **Duty to reapply.** If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.
- (3) **Need to halt or reduce activity not a defense.** It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- (4) **Duty to mitigate.** The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.
- (5) **Proper operation and maintenance.** The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the permit.

- (6) **Permit actions.** This permit may be modified, revoked and reissued, or terminate for cause by the Agency pursuant to 40 CFR 122.82. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or notification of planned changes or anticipated noncompliance, does not stay an permit condition.
- (7) **Property rights.** This permit does not convey any property rights of any sort, or an exclusive privilege.
- (8) **Duty to provide information.** The permittee shall furnish to the Agency within reasonable time, any information which the Agency may request to determine which cause exists for modifying, revoking and reissuing, or terminating this permit, or determine compliance with the permit. The permittee shall also furnish to the Agency upon request, copies of records required to be kept by this permit.
- (9) **Inspection and entry.** The permittee shall allow an authorized representative of the Agency, upon the presentation of credentials and other documents as may be required by law, to:
 - (a) Enter upon the permittee's premises where a regulated facility or activity located or conducted, or where records must be kept under the conditions of the permit;
 - (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under the permit; and
 - (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.
- (10) **Monitoring and records.**
 - (a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
 - (b) The permittee shall retain records of all monitoring information, including calibration and maintenance records, and all original strip chart recordings; continuous monitoring instrumentation, copies of all reports required by the permit, and records of all data used to complete the application for this permit, a period of at least 3 years from the date of this permit, measurement, report application. This period may be extended by request of the Agency at any time.
 - (c) Records of monitoring information shall include:
 - (1) The date, exact place, and time of sampling or measurements;
 - (2) The individual(s) who performed the sampling or measurements;
 - (3) The date(s) analyses were performed;
 - (4) The individual(s) who performed the analyses;
 - (5) The analytical techniques or methods used; and
 - (6) The results of such analyses.
 - (d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.
- (11) **Signatory requirement.** All applications, reports or information submitted to the Agency shall be signed and certified.
 - (a) **Application.** All permit applications shall be signed as follows:
 - (1) For a corporation: by a principal executive officer of at least the level vice president or a person or position having overall responsibility for environmental matters for the corporation;
 - (2) For a partnership or sole proprietorship: by a general partner or proprietor, respectively; or
 - (3) For a municipality, State, Federal, or other public agency: by either principal executive officer or ranking elected official.
 - (b) **Reports.** All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:
 - (1) The authorization is made in writing by a person described in paragraph (a) and
 - (2) The authorization specifies either an individual or a position responsible for the overall operation of the facility, from which the discharge originates, such as a plant manager, superintendent or person of equivalent responsibility and
 - (3) The written authorization is submitted to the Agency.