B.24. Additional Records. In addition to the general records required by 40 CFR 63.10(b)(2), the owner or operator shall maintain records of the following information:

(1) Records of black liquor solids firing rates in units of Mg/d or ton/d

(2) N/A

(3) Records of parameter monitoring data required under 40 CFR 63.864, including any period when the operating parameter levels were inconsistent with the levels established during the initial performance test, with a brief explanation of the cause of the deviation, the time the deviation occurred, the time corrective action was initiated and completed, and the corrective action taken;

(4) Records and documentation of supporting calculations for compliance determinations made under Conditions B.7 through B.10.;

(5) N/A;

(6) N/A

(7) N/A

[40 CFR 63.866(c)]

B.25. Excess Emissions Report - PM. The owner or operator must report quarterly if measured parameters meet any of the conditions stated in Condition B.16 or B.17. This report must contain the information specified in 40 CFR 63.10(c) as well as the number and duration of occurrences when the source met or exceeded the conditions in Condition B.16. and the number and duration of occurrences when the source met or exceeded the conditions in Condition B.17. Reporting excess emissions below the violation thresholds of Conditions B.16. and B.17. does not constitute a violation of the applicable standard.

(1) When no exceedances of parameters have occurred, the owner or operator must submit a semiannual report stating that no excess emissions occurred during the reporting period.

(2) The owner or operator of an affected source or process unit subject to the requirements of Subpart MM and Subpart S of this part may combine excess emissions and/or summary reports for the mill.

[40 CFR 63.867(c)]

C.24. PM Emissions- Violation Records. The owner or operator shall maintain records of any occurrence when a violation is noted under Condition C.18.
[40 CFR 63.866(b)]

C.25. Additional Records. In addition to the general records required by 40 CFR 63.10(b)(2), the owner or operator shall maintain records of the following information:

(1) Records of black liquor solids firing rates in units of Mg/d or ton/d

(2) N/A

(3) Records of parameter monitoring data required under Condition C.16., including any period when the operating parameter levels were inconsistent with the levels established during the initial performance test, with a brief explanation of the cause of the deviation, the time the deviation occurred, the time corrective action was initiated and completed, and the corrective action taken;

(4) Records and documentation of supporting calculations for compliance determinations made under Conditions C.8. through C.11.;

(5) N/A;

(6) N/A

(7) N/A

[40 CFR 63.866(c)]

C.26. Excess Emissions Report - PM. The owner or operator must report quarterly if measured parameters meet any of the conditions stated in Condition C.17. or C.18. This report must contain the information specified in 40 CFR 63.10(c) as well as the number and duration of occurrences when the source met or exceeded the conditions in Condition C.17. and the number and duration of occurrences when the source met or exceeded the conditions in Condition C.18. Reporting excess emissions below the violation thresholds of Conditions C.17. and C.18. does not constitute a violation of the applicable standard.

1. When no exceedances of parameters have occurred, the owner or operator must submit a semiannual report stating that no excess emissions occurred during the reporting period.

2. The owner or operator of an affected source or process unit subject to the requirements of Subpart MM and Subpart S of this part may combine excess emissions and/or summary reports for the mill.

[40 CFR 63.867(c)]

E.13. PM Emissions – Corrective Action. The owner or operator shall implement corrective action, as specified in the startup, shutdown, and malfunction plan prepared under Condition E.21. if the following monitoring exceedance occurs:

- when any 3-hour average parameter value is outside the range of values established in Condition E.11.a. and E.12.

[40 CFR 63.864(k)(1)(ii)]

E.14. PM Emissions – Violations**.** It shall be considered a violation of the standards of Condition E.3. if the following monitoring exceedance occurs:

- when six or more 3-hour average parameter values within any 6-month reporting period are outside the range of values established in Condition E.11.a. and E.12.

For purposes of determining the number of nonopacity monitoring exceedances, no more than one exceedance will be attributed in any given 24-hour period.
[63.864(k)(2)(iii) and (k)(3)]

Compliance Assurance Monitoring (CAM) Requirements

E.15. This emissions unit is subject to the CAM requirements contained in the attached Appendix CAM. Failure to adhere to the monitoring requirements specified does not necessarily indicate an exceedance of a specific emissions limitation; however, it may constitute good reason to require compliance testing pursuant to Rule 62-297.310(7)(b), F.A.C.
[40 CFR 64; and, Rules 62-204.800 and 62-213.440(1)(b)1.a., F.A.C.]

Excess Emissions

{Permitting Note: The Excess Emissions Rule at Rule 62-210.700, F.A.C., cannot vary any requirement of a NSPS or NESHAP provision.}

E.16. Excess Emissions – Startup, Shutdown, Malfunction. Excess Emissions due to startup and shutdown are conditionally allowed for up to 2 in any 24-hour period unless specifically authorized by the Department for longer duration. The permittee shall follow best operational practices to minimize emissions.
[Rule 62-213.410, F.A.C.; Rule 62-210.700(1), F.A.C.]

E.17. Excess Emissions caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure, which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited.
[Rule 62-210.700(4), F.A.C.]

3. The date and time identifying each period during which each continuous emissions monitoring system used to measure total reduced sulfur emissions or surrogate parameters was inoperative except for zero and span checks, and the nature of the system repairs or adjustments.

4. When no excess emissions have occurred or the continuous emissions monitoring system(s) have not been operative, or have been repaired or adjusted, such information shall be stated in the report.

[Rule 62-296.404(6)(a), F.A.C.]

E.20. TRS Surrogate Parameters- Files. The owner or operator shall maintain a complete file of any measurements, including continuous emissions monitoring system, monitoring device, and performance testing measurements; any continuous emissions monitoring system performance evaluations; any continuous emissions monitoring system or monitoring device calibration checks; any adjustments and maintenance performed on these systems or devices; and any other information required, recorded in a permanent legible form available for inspection. The file shall be retained for at least three years following the date of such measurements, maintenance, reports and records.
[Rule 62-296.404(6)(b), F.A.C.].

E.21. Startup Shutdown Malfunction Plan. The owner or operator must develop and implement a written plan as described in 40 CFR 63.6(e)(3) that contains specific procedures to be followed for operating the source and maintaining the source during periods of startup, shutdown, and malfunction, and a program of corrective action for malfunctioning process and control systems used to comply with the standards. In addition to the information required in 40 CFR 63.6(e), the plan must include the requirements in paragraphs (1) and (2) of this Condition.

(1) Procedures for responding to any process parameter level that is inconsistent with the level(s) established under Condition E.11.a. and E.12. including the procedures in paragraphs (1)(i) and (ii) of this Condition:

   (i) Procedures to determine and record the cause of an operating parameter exceedance and the time the exceedance began and ended; and

   (ii) Corrective actions to be taken in the event of an operating parameter exceedance, including procedures for recording the actions taken to correct the exceedance.

(2) The startup, shutdown, and malfunction plan also must include the schedules listed in paragraphs (2)(i) and (ii) of this Condition:

(i) A maintenance schedule for each control technique that is consistent with, but not limited to, the manufacturer's instructions and recommendations for routine and long-term maintenance; and

(ii) An inspection schedule for the continuous monitoring system required under Condition E.11.a. to ensure, at least once in each 24-hour period, that the continuous monitoring system is properly functioning.

[40 CFR 63.866(a)]

E.22. Corrective Action Records. The owner or operator of an affected source or process unit must maintain records of any occurrence when corrective action is required under Condition E.13.
[40 CFR 63.866(b)]

E.23. Violation Records. The owner or operator shall maintain records of any occurrence when a violation is noted under Condition E.14.
[40 CFR 63.866(b)]

E.24. Additional Records. In addition to the general records required by 40 CFR 63.10(b)(2), the owner or operator shall maintain records of the following information:

(1) Records of black liquor solids firing rates in units of Mg/d or ton/d for all recovery furnaces

(2) N/A

(3) Records of parameter monitoring data required under Condition E.11., including any period when the operating parameter levels were inconsistent with the levels established during the initial performance test, with a brief explanation of the cause of the deviation, the time the deviation occurred, the time corrective action was initiated and completed, and the corrective action taken;

(4) Records and documentation of supporting calculations for compliance determinations made under Conditions E.6. and E.7.;

(5) Records of monitoring parameter ranges established for each affected source or process unit;

(6) N/A

(7) N/A

[40 CFR 63.866(c)]

H.35. Corrective Action Records. The owner or operator of an affected source or process unit must maintain records of any occurrence when corrective action is required under Condition H.26.

[40 CFR 63.866(b)]

H.36. Violation Records. The owner or operator shall maintain records of any occurrence when a violation is noted under Condition H.27.

[40 CFR 63.866(b)]

H.37. Additional Records. In addition to the general records required by 40 CFR 63.10(b)(2), the owner or operator shall maintain records of the following information:

(1)N/A

(2)Records of CaO production rates in units of Mg/d or ton/d

(3) Records of parameter monitoring data required under § 63.864., including any period when the operating parameter levels were inconsistent with the levels established during the initial performance test, with a brief explanation of the cause of the deviation, the time the deviation occurred, the time corrective action was initiated and completed, and the corrective action taken;

(4) Records and documentation of supporting calculations for compliance determinations made under Conditions H.12. through H.15;

(5) N/A;

(6)N/A

(7) N/A

[40 CFR 63.866(c)]

I.3. Total Reduced Sulfur (TRS) Emissions. Total Reduced Sulfur (TRS) Emissions shall not exceed 5 ppm by volume on a dry basis, corrected to the actual oxygen content of the untreated gas stream, 0.16 lbs/hr and 0.7 TPY.

[Rule 62-204.800(8)(b)35., F.A.C.; 40 CFR60. 283(a)(1)(v) ; Construction Permit No. AC45-190383/PSD-FL-165]

Test Methods and Procedures

{Permitting note: Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

I.4. Total Reduced Sulfur (TRS) Emissions. EPA Method 16 shall be used to determine the TRS concentration. The sampling time shall be at least 3 hours, but no longer than 6 hours. Method 16A or 16B may be used in place of Method 16. A compliance test shall be conducted every five years, prior to operation permit renewal.

[40 CFR 60.285(d); 40 CFR 60.285(f)(2); Rule 62-297.310(7)(a)3., F.A.C.]

Continuous Monitoring Requirements

I.5. Total Reduced Sulfur (TRS) Surrogate Parameters. Pursuant to Rule 62-296.404(5)(d), F.A.C. and in lieu of complying with 40 CFR 60.284(a)(2), (c)(1), and (f), the facility shall operate and maintain continuous monitoring devices that measure the scrubber liquid flow (at least 90% of 326 gpm, minimum 12-hr avg.) and the pressure drop across the scrubber tower (at least 90% of 0.03 psi, minimum 12-hr avg.).
[Rule 62-296.404(5)(d), F.A.C.; Final Determination dated 2/19/91 of Construction Permit No. AC45-190383; Test Report dated May 8, 1996]

Excess Emissions

{Permitting Note: The Excess Emissions Rule at Rule 62-210.700, F.A.C., cannot vary any requirement of a NSPS or NESHAP provision.}

I.6. Excess Emissions – TRS. For the purpose of reports required under 40 CFR 60.7(c), the owner or operator shall report semiannually periods of excess emissions. Excess emissions are all 12-hour average TRS concentrations above 5 ppm by volume.
[40 CFR 60.284(d)(3)(i)]

I.7. Periods of excess emissions reported under Condition No. I.6. shall not be considered to be indicative of a violation of 40 CFR 60.11(d) provided that the Administrator determines that the affected facility, including air pollution control equipment, is maintained and operated in a manner, which is consistent with good air pollution control practice for minimizing emissions during periods of excess emissions.
[40 CFR 60.284(e)(2)]

M.17. UNOX Operating Parameters – Excursions. A UNOX Operating Parameter Excursion occurs whenever either of the operating parameters specified in Condition M.14. are either below the established minimum or above the established maximum operating parameter values for 3 consecutive 1-hour averages, and the mill and/or waste water treatment process is not in a Startup, Shutdown, Malfunction mode or the SSM Plan is not followed.

(1) As soon as practical after the beginning of the UNOX Operating parameter excursion, the following requirements shall be met:

(i) Before the steps in paragraph (1)(ii) or (iii) of this Condition are performed, all sampling and measurements necessary to meet the requirements in paragraph (2) of this Condition shall be conducted.

(ii) Steps shall be taken to repair or adjust the operation of the process to end the parameter excursion period.

(iii) Steps shall be taken to minimize total HAP emissions to the atmosphere during the parameter excursion period.

(2) Composited samples of the UNOX influent from the primary clarifier, the collected condensate (UNOX Feed Tank) and the UNOX effluent will be collected daily in accordance with Condition M.30, and retained for 24 hours.

(3) A UNOX Operating parameter excursion shall not be considered a violation of the treatment limit established in Condition M.9., if the results of the direct measurement performance test conducted, using the procedures as described below, demonstrate that at least 92% or more by weight of total HAPs has been removed.

(i) Conduct a direct measurement performance test using the samples collected per paragraph (2) of this Condition for the day of, the day before, and the day after the excursion. The HAP fraction removed shall be calculated using the equation specified in Condition M.35(2):

(ii) The results of the direct measurement performance test specified in paragraph (3)(i) of this Condition shall be recorded as specified in Condition M.24.

(iii) The owner or operator may apply to the Department pursuant to Condition M 30., for an expansion of the compliance operating parameter range. Reestablishment of the operating parameter range shall be in accordance with the following:

a. During subsequent performance tests, continuously record the operating parameter;

b. Determinations shall be based on the control performance and parameter data monitored during the performance test, supplemented if necessary by engineering assessments and the manufacturer's recommendations;

c. The owner or operator shall provide for the Department's approval the rationale for the selected operating parameter value, and monitoring frequency, and averaging time. Include all data and calculations used to develop the value and a description of why the value, monitoring frequency, and averaging time demonstrate continuous compliance with the applicable emission standard.

(4) A UNOX Operating parameter excursion shall be considered a violation of removal limit established in Condition M.9., if the results of the hardpipe treatment efficiency test conducted, using the procedures specified in paragraph (3)(i) of this Condition, do not demonstrate that at least 92% or more by weight of total HAPs has been removed.

[Condensate Compliance Plan as amended 3/5/01, 40 CFR 63.453(n)]

M.18. Enclosure and Closed-Vent System –Inspections. Each enclosure and closed-vent system used to comply with Condition No. M.11. shall comply with the following requirements:

(1) For each enclosure opening, a visual inspection of the closure mechanism specified in Condition No. M.11.(a) shall be performed once during each calendar month, with at least 21 days elapsed time between inspections, to ensure the opening is maintained in the closed position and sealed.

(2) Each closed-vent system shall be visually inspected once during each calendar month, with at least 21 days elapsed time between inspections, and at other times as requested by the Administrator. The visual inspection shall include inspection of ductwork, piping, enclosures, and connections to covers for visible evidence of defects.

(3) For positive pressure closed-vent systems or portions of closed-vent systems, demonstrate no detectable leaks as specified in Condition No. M.11.(b) measured annually by the procedures in Condition No. M.31.

(4) Demonstrate annually that each enclosure opening is maintained at negative pressure as specified in Condition No. M.32.

(5) The valve or closure mechanism specified in Condition No. M.11.(c)(2) shall be inspected once during each calendar month, with at least 21 days elapsed time between inspections, to ensure that the valve is maintained in the closed position and the emission point gas stream is not diverted through the bypass line.

M.23. The owner or operator shall maintain logs of the following on a daily basis:

- UNOX Operating Parameter excursions;
- UNOX downtime;
- UNOX Startup, Shutdown, and Malfunction events

[Condensate Compliance Plan as amended 3/5/01]

M.24. UNOX Operating Parameter Excursions – Records. The owner or operator shall prepare a written record specifying the results of the performance test specified in Condition M.17.(3)(ii).

M.25. UNOX System SSM Plan. The Permittee shall adopt and implement a written startup, shutdown, and malfunction (SSM) Plan for the UNOX System pursuant to Facility-wide Condition No. 10.
[Condensate Compliance Plan as amended 3/5/01]

Reporting Requirements

M.26. Each owner or operator of a source subject to this subpart shall comply with the reporting requirements of 40 CFR Part 63 Subpart A as specified in Table 1 and all the following requirements in this section.
[40 CFR 63.455(a)]

M.27. Each owner or operator of a kraft pulping system specified in §63.440(d)(1) or a bleaching system specified in §63.440(d)(3)(ii) shall submit, with the initial notification report specified under §63.9(b)(2) of subpart A of this part and paragraph (a) of this section and update every two years thereafter, a non-binding control strategy report containing, at a minimum, the information specified in paragraphs (b)(1) through (b)(3) of this section in addition to the information required in §63.9(b)(2) of subpart A of this part.

(1) A description of the emission controls or process modifications selected for compliance with the control requirements in this standard.

(2) A compliance schedule, including the dates by which each step toward compliance will be reached for each emission point or sets of emission points. At a minimum, the list of dates shall include:

(i) The date by which the major study(s) for determining the compliance strategy will be completed;

(ii) The date by which contracts for emission controls or process modifications will be awarded, or the date by which orders will be issued for the purchase of major components to accomplish emission controls or process changes;

(iii) The date by which on-site construction, installation of emission control equipment, or a process change is to be initiated;

(iv) The date by which on-site construction, installation of emissions control equipment, or a process change is to be completed;

(v) The date by which final compliance is to be achieved;