

Concord Steam receivables aging

12/22/16

Cust ID	Total Due	0 - 30	31 - 60	61 - 90	90+
505	\$39.55	\$26.19	\$0.00	\$0.00	\$13.36
395	\$430.03	\$410.03	\$20.00	\$0.00	\$0.00
370	\$3,244.55	\$3,244.55	\$0.00	\$0.00	\$0.00
390	\$750.54	\$750.54	\$0.00	\$0.00	\$0.00
374	(\$0.80)	\$0.00	\$0.00	\$0.00	(\$0.80)
250	\$638.15	\$638.15	\$0.00	\$0.00	\$0.00
*None	\$715.07	\$0.00	\$715.07	\$0.00	\$0.00
216	\$5,185.89	\$5,185.89	\$0.00	\$0.00	\$0.00
330	\$14,452.26	\$0.00	\$0.00	\$901.10	\$13,551.16
207	\$817.69	\$817.69	\$0.00	\$0.00	\$0.00
379	\$12,617.86	\$3,499.34	\$1,072.01	\$0.00	\$8,046.51
230	\$1,691.57	\$1,691.57	\$0.00	\$0.00	\$0.00
232	\$2,452.11	\$2,452.11	\$0.00	\$0.00	\$0.00
507	\$7,637.89	\$0.00	\$0.00	\$0.00	\$7,637.89
334	\$101.91	\$81.91	\$20.00	\$0.00	\$0.00
239	\$3,610.34	\$868.65	\$0.00	\$0.00	\$2,741.69
246	\$3,415.52	\$3,415.52	\$0.00	\$0.00	\$0.00
245	\$16,877.14	\$16,877.14	\$0.00	\$0.00	\$0.00
220	\$1,176.32	\$1,176.32	\$0.00	\$0.00	\$0.00
102	\$122.83	\$75.72	\$47.11	\$0.00	\$0.00
222	\$156.20	\$156.20	\$0.00	\$0.00	\$0.00
*None	\$561.16	\$0.00	\$0.00	\$0.00	\$561.16
280	\$2,526.40	\$2,526.40	\$0.00	\$0.00	\$0.00
213	\$8,853.60	\$8,853.60	\$0.00	\$0.00	\$0.00
321	\$5,064.71	\$5,064.71	\$0.00	\$0.00	\$0.00
332	\$8,141.64	\$8,141.64	\$0.00	\$0.00	\$0.00
261	\$3,796.18	\$0.00	\$0.00	\$0.00	\$3,796.18
304	\$2,037.31	\$2,037.31	\$0.00	\$0.00	\$0.00
251	\$3,628.11	\$1,604.89	\$142.02	\$0.00	\$1,881.20
409	\$15,962.05	\$15,962.77	\$0.00	\$0.00	(\$0.72)
221A	\$53.56	\$20.00	\$33.56	\$0.00	\$0.00
212	\$653.57	\$0.00	\$0.00	\$0.00	\$653.57
205	\$14,976.21	\$11,226.90	\$3,749.31	\$0.00	\$0.00
299	\$2,681.18	\$2,681.18	\$0.00	\$0.00	\$0.00
358	\$1,087.54	\$0.00	\$0.00	\$0.00	\$1,087.54
402	\$2,837.38	\$2,837.38	\$0.00	\$0.00	\$0.00
405	\$156.20	\$156.20	\$0.00	\$0.00	\$0.00
406	\$38,802.78	\$38,802.78	\$0.00	\$0.00	\$0.00
407	\$2,125.98	\$1,956.83	\$0.00	\$0.00	\$169.15
411	(\$6,886.49)	\$12,081.15	(\$18,967.64)	\$0.00	\$0.00
404	\$15,484.16	\$15,484.16	\$0.00	\$0.00	\$0.00
417	\$8,284.03	\$8,284.03	\$0.00	\$0.00	\$0.00
423	\$11,069.98	\$11,069.98	\$0.00	\$0.00	\$0.00
214	\$198.59	\$198.59	\$0.00	\$0.00	\$0.00
329	\$8,760.53	\$0.00	\$311.50	\$0.00	\$8,449.03
	\$231,570.32	\$194,939.36	(\$12,857.06)	\$901.10	\$48,586.92
		84.20%	-5.60%	0.40%	21.00%



Concord Steam
P.O. Box 2520
Concord, NH 03302-2520
Fax: 603. 224. 7816
Tel: 603. 224. 1461

Steam and Power Generation

Craig Wright
Director
NH DES Air Resources Division
PO Box 95
29 Hazen Dr.
Concord, NH 03302-0095

December 20, 2016

RE: Title V permit TV-0033 issued July 12, 2016 (Close Out Permit)

Mr. Wright,

The NH Public Utilities Commission has formally approved our closure plan and we will cease operations of the steam plant located at 123 Pleasant St. (on the State Office Park South complex) as of May 31st 2017. Concord Steam therefore formally requests that its Title V Permit to Operate (TV-0033) be closed out effective May 31, 2017 at midnight. We respectfully request acknowledgement of the Permit close out and guidance if there are any additional steps that are required beyond this letter.

Thank you in advance for your consideration and please contact us with any questions that you might have.

Respectfully,

A handwritten signature in blue ink, appearing to read "Mark E. Saltsman", written in a cursive style.

Mark E. Saltsman
VP and General Manager

Cc: Evan Mulholland (NHARD)
Pat North (NHARD)
Gary Milbury (NHARD)
Steve Frink (NHPUC)
James Garlow (CSC)
Michael Sheehan (Liberty Utilities)
Susan Geiger (Orr&Reno)



STATE OF NEW HAMPSHIRE DEPARTMENT OF SAFETY
John J. Barthelmes, Commissioner



Division of Fire Safety
OFFICE OF THE STATE FIRE MARSHAL
J. William Degnan, State Fire Marshal

Office: 110 Smokey Bear Blvd, Concord, NH
Mailing Address: 33 Hazen Drive, Concord, NH 03305
603-223-4289, FAX 603-223-4294

December 20, 2016

President Peter Bloomfield
Concord Steam
123 Pleasant Street
Concord, NH 03302

Dear Mr. Bloomfield,

The NH State Fire Marshal's Office has had the opportunity to review the reports that were submitted by the electrical, fire protection and structural engineers that were requested. Additionally, our office requested a review of these reports in cooperation with engineers from those disciplines from the State Department of Administrative Services. The purpose of this collaborative review was to identify the deficiencies and violations in the facility which required immediate attention. We also reviewed the reports with the understanding that the facility will be closing and shutting down operations at the end of May 2017. Taking this into account we also identified which items would need to be addressed to maintain a reasonable level of safety from this time until the end of May 2017, knowing that it would not be possible or realistic on a financial level as well as time to address all outstanding issues as the plant will be closing. However eliminating some of the identified deficiencies in the report would improve the level of safety in the facility until closing in May of 2017.

The enclosed summary reports from the State Department of Administrative Services breakdown all the violations that were contained in the engineering reports and indicate the items that require immediate attention for the facility to continue to operate until the end of May 2017. We were pleased to hear that upon your receipt of the engineering reports that efforts to correct some of the issues were underway and that some items have already been corrected. Our office made the decision, along with Concord Fire Department, to post a portion of the roof due to the uncertainty of the structural integrity in that area.

Please provide a plan of action for addressing the violations that the state has identified are required for the facility to operate at a reasonable level of safety until its closing in May 2017, within 30 days. Please also provide several dates during January 9-20, 2017 for the final inspection of the facility to be able to coordinate this with our inspectors. Please direct any questions specific to the enclosed engineering review to the particular engineer who authored the summary report. Thank you for your cooperation in this matter,

Danielle Cole
District Chief
NH State Fire Marshal's Office



VICKI V. QUIRAM
Commissioner

STATE OF NEW HAMPSHIRE
DEPARTMENT OF ADMINISTRATIVE SERVICES
DIVISION OF PUBLIC WORKS DESIGN & CONSTRUCTION
POB 483, 7 Hazen Drive – Room 250
Concord, New Hampshire 03302-0483
Phone (603) 271-3516, Fax (603) 271-3515

December 9, 2016

Peter Bloomfield, President
Concord Steam Corp
PO Box 2520
Concord, NH 03302
603-224-1461 ext 1 office
603-491-1094 cell
peter@concordsteam.com

RE: Concord Steam Required Facility Repairs

Dear Mr. Bloomfield:

The Electrical, Structural and Fire & Life Safety Reports/Condition Surveys prepared for the above facility, provided by you on behalf of Concord Steam Corp., have been received by this office and reviewed. In addition, the Division of Public Works has completed several walk-through inspections of the facility to review specific items identified in those reports.

After a detailed review of the various lists of deficiencies delineated, as well as the recommendations proposed in each of those reports, the following is a list of life safety, structural and electrical issues that shall be addressed and rectified by Concord Steam within the next 30 days pursuant to Section V through G of the License for Use of Premises:

LIFE SAFETY

1. The exterior crumbling stairs with the handrail that is no longer attached needs to be secured so that they are inaccessible and cannot be used.
2. The shelf currently located at the handrail of the stair transitioning from the Boiler room to the Turbine Room needs to be removed or trimmed to allow access to the handrail.
3. The exterior door from the wood delivery hopper area has a door to the outside, but is not the exit door. This should be properly signed to alert those that this is not an exit door.
4. Install fire alarm system as required for high hazard occupancy to provide for automatic detection and occupant notification.

John O. Morton Building • 7 Hazen Drive, Room 250 • POB 483 • Concord, New Hampshire 03302-0483
Telephone: 603-271-3516 • Fax: 603-271-3515 • TDD: 1-800-735-2964
<http://das.nh.gov/publicworks>

5. All combustible storage must be removed from the immediate vicinity of the switchgear.
6. In the boiler room, 55 gallon chemical drums are stored directly in front of electrical switches in this workspace. The drums must be moved and stored in another location that does not violate Code.
7. General housekeeping must be followed to remove bins of rags within the required working clearances of electrical equipment. Working clearance extends from the floor and to the full height of the ceiling.
8. There are exit signs throughout the facility that are non-illuminated placards. All exit signs must be illuminated signs provided with battery backup.
9. All flammable gases must be secured against a wall in a designated area for storage. This includes propane for gas grills; in this case, it must be stored in a compliant location on the exterior of the building.
10. The dip tank in the maintenance garage must be locked when not in use.
11. All flammable liquids must be stored within the flammable storage cabinets in the maintenance garage and adjacent to the first floor plant office.
12. Miscellaneous items are stored on the roof of the maintenance garage. The items should be removed from the roof or an evaluation should be conducted to determine if the roof can support storage loads.
13. Lubrication oils are not permitted to be dispensed via gravity feeds and must be dispensed via a drum pump.
14. An open 5 gallon bucket of oil was observed in the turbine room. Used lubrication oil must be disposed of or properly stored immediately of by end of shift.
15. A deflagration hazard is present when dust accumulation exceeds 1/8-inch on 5% of the upward facing surfaces. Several piles of dust exceeding 1/8-inch thick were observed but did not appear to be over 5% of the area. Diligent cleaning processes articulated in a cleaning / maintenance plan shall be prepared and must be followed.
16. The polypropylene tarps used for dust control in the receiving areas are not permitted to be used. The tarps must be replaced with fire retardant tarps or another approved building material.

STRUCTURAL

1. Turbine Room East:
 - a. Monitor ceiling for additional deterioration due to spalling concrete and possible future repairs;
2. Turbine Room West:

- a. Remove the timber decking of the false ceiling;
 - b. Replace all 4x6 timber beams that show any deterioration or have failed;
 - c. Add a W12x30, one foot to the west of the 4x6 spanning north-south in between the existing purlins to support the deteriorating timber decking.
3. Fan Room
 - a. Monitor roof deck for additional deterioration due to spalling concrete and possible future repairs;
 - b. Door opening on North end of room shall be repaired per Appendix A of Structural Condition Survey;
 4. Boiler Room
 - a. Repair that portion of the roof deck in the area of the roof drain per Appendix B of Structural Condition Survey;
 5. Maintenance Area
 - a. Repair spalling concrete and deteriorated flashing on West wall.

ELECTRICAL

1. Item (a) in the Nowland Electrical report regarding the deterioration of the base of MCC A. Reinforce the sheet metal base with additional sheet metal added on the outside of the deteriorated base. We recommend inspecting the inside the enclosure to determine the condition and make-up of the base, supporting structural framework.
2. Item (b) in the Nowland Electrical report regarding the taps. Peter Bloomfield indicated that this has been changed at the last maintenance shutdown. The tap rule applies to feeders and not to control wiring, so as long as the change-out has occurred, no action on this item. If re-inspection, at this time, by Concord Steam determines this has not been accomplished a change-out is required per this order.
3. Item (c) in the Nowland Electrical report regarding The ID fan #5 starter is being used as two terminal blocks for a feeder that supplies power to a VFD. The lugs on the other side of the contactor take the output power from the VFD to supply the motor. If the contactor closed it would short the input power supply to the output power and cause a fault. Concord Steam will verify that the coil that causes the contactor contacts to close has been disconnected from any control power so that it can never close. An email to Gordon Graham, PE confirming that the coil has been disconnected preventing the contactor contacts from closing is required per this order.
4. Item (d) in the Nowland Electrical report indicated that the VFD feeder was undersized by 4 amps. However, the tables, under which the VFD feeder would have been designed, indicates the feeder ampacity is 150 amps and not 145 amps. Therefore no action is required for this item.
5. Item (e) in the Nowland Electrical report regarding the feeder with the mixed aluminum and copper should not be a problem since the wire is sized much larger than the actual load. It is a code violation but not one that will cause a problem at this time. No action is required on this item.
6. Item (f) in the Nowland Electrical report regarding housekeeping efforts to keep wood dust particles from building up in and around electrical equipment. Wood dust particles shall be removed on a daily basis until the plant is shut down.

7. Item (g) in the Nowland Electrical report regarding checking wire sizes of existing feeders to equipment during shut downs of equipment. No action required on this item.
8. Item (h) in the Nowland Electrical report regarding checking wire sizes of existing feeders to 1.0 MVA transformer during shut down. No action required on this item.

Based on the anticipated facility closing date of May 31, 2017 and the goal of maintaining life safety up to that date, all the above items shall be completed, as indicated in this order, by Concord Steam. Upon completion of the required work, Concord Steam shall engage the services of the engineers who prepared the reports/condition surveys to review and approve the work to verify compliance with this order. The repairs and engineer approvals shall be completed and a verification report provided to the DPW within the next 30 days.

Sincerely,



Theodore Kupper, P.E., Administrator
Division of Public Works Design and Construction

(603) 271-1638
(603) 748-8605

Cc: Michael P. Connor, Dept. of Administrative Services
Danielle Cole, Dept. of Safety
Chris Aslin, Dept. of Justice
Michelle Juliano, Div. of Public Works
Beverly Kowalik, Div. of Public Works
Gordon Graham, Div. of Public Works