Exhibit H: November 1, 2013 Letter from Rubin & Rudman, LLP to MassDEP ("Footprint Comment Letter")



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November 1, 2013

<u>Via Electronic Mail</u> <u>And U.S. Mail</u>

James E. Belsky, BWP Permit Chief MassDEP, Northeast Regional Office 205B Lowell Street Wilmington, MA 01887

> Re: Comments on Proposed Air Quality Plan Approval And Draft Prevention of Significant Deterioration Permit Salem Harbor Redevelopment Project (the "Project") Transmittal Number X254064

Dear Mr. Belsky:

On behalf of Footprint Power Salem Harbor Redevelopment LP (the "Applicant"), I am pleased to submit the following comments regarding the Proposed Air Quality Plan Approval and Draft Prevention of Significant Deterioration (PSD) Permit dated September 9, 2013.

Throughout the development and permitting processes, the Applicant has strived to ensure that the proposed Project will result in a state of the art facility that provides both needed electric generation capacity as well as important environmental benefits. Indeed, the Applicant has been engaging in continuing discussions with its equipment vendors to ensure that these goals are achieved. As a result of these discussions, the Applicant can now report that it has obtained revised, *lower* particulate matter emission guarantees from its turbine vendor General Electric Company (GE). Please note that nothing has changed in the physical configuration or operations of the equipment; rather, the reductions described in this letter result from the supplier's willingness to offer more stringent guarantees.

Specifically, GE will now guarantee filterable plus condensable particulate stack emissions for operating loads greater than MECL at: 8.8 pounds per hour/unit for no duct firing; and 13.0 pounds per hour for duct firing. (The current draft permit limit in lb/hr for both unfired and duct fired conditions is 15.5 lb/hr.) This, in turn, results in a reduced emissions limit for the proposed Project's maximum lb/MMBtu of PM/PM10/PM2.5 for all unfired conditions above MECL of 0.0071 lb/MMBtu (reduced from 0.0088), and for duct fired conditions above MECL of 0.0062 lb/MMBtu (reduced from 0.0067 lb/MMBtu). Likewise, at full load unfired conditions, the Project's PM/PM10/PM2.5 emissions now range from 0.0038 lb/MMBtu at 0 °F to 0.0047 lb/MMBtu at 105 °F. Furthermore, at full load unfired conditions the Project's James E. Belsky, BWP Permit Chief November 1, 2013 Page 2

PM/PM10/PM2.5 will be 0.029 (reduced from 0.044) and with duct firing 0.041 (reduced from 0.049). Finally, the PM/PM10/PM2.5 maximum facility potential to emit in tons per year (TPY) will be 82.0 TPY (reduced from 109.4 TPY). This results in a 25% reduction in potential to emit particulate matter.

The facility maximum ambient impacts remain based on our prior more conservative particulate emissions

Accordingly, the Applicant requests that the final air plan approval and PSD permit reflect the reductions in particulate matter emissions described above. Attached to this letter are proposed revised, red-lined versions of Table 7 from the Proposed Air Quality Plan Approval and Table 2 from the Draft PSD Permit showing these reductions.

Sincerely,

Janen Ins

Lauren A. Liss

LAL/dm

Mr. Scott G. Silverstein cc: Mr. Edward J. Braczyk, Environmental Engineer Mr. Cosmo Buttaro, Environmental Engineer Mr. Keith H. Kennedy Mr. George S. Lipka

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Table 2					
EU#	Operational / Production	Air Contaminant	Emission Limit		
EU1, EU2	Operation at ≥ MECL, ⁽¹⁷⁾ excluding start-ups and shutdowns	VOC (no duct firing), as Methane (CH ₄)	$\leq 3.0 \text{ lb/hr}^{(1,2)}$ $\leq 0.0013 \text{ lb/MMBtu}^{(1)}$ $\leq 1.0 \text{ ppmvd} @ 15\% \text{ O}_2^{(1)}$ $\leq 0.002 \text{ lb} @ W \text{ ls}^{(1,2,10,14)}$		
	Fuel Heat Input Rate of each EU: ≤ 2,449 MMBtu per hour, HHV	VOC (duct firing), as Methane (CH ₄)	$ \leq 0.009 \text{ lo/M w-m}^{(1,2)} $ $ \leq 5.4 \text{ lb/hr}^{(1,2)} $ $ \leq 0.0022 \text{ lb/MMBtu}^{(1)} $ $ \leq 1.7 \text{ ppmvd } @ 15\% \text{ O}_2^{(1)} $ $ < 0.016 \text{ lb/MW-hr}^{(1,2,15)} $		
		S in Fuel	< 0.5 grains/100 scf		
	Natural Gas shall be the only fuel of use. Fuel Heat Input of each EU:	SO ₂ (no duct firing)	$ \leq 3.7 \text{ lb/hr}^{(1, 2)} $ $ \leq 0.0015 \text{ lb/MMBtu}^{(1)} $ $ \leq 0.3 \text{ ppmvd} @ 15\% \text{ O}_2^{(1)} $ $ < 0.010 \text{ lb/MW-hr}^{(1, 2, 10, 14)} $		
	≤ 18,888,480 MMBtu, HHV per 12-month rolling period ⁽⁹⁾	SO ₂ (duct firing)	$ \frac{\leq 3.7 \text{ lb/hr}^{(1, 2)}}{\leq 0.0015 \text{ lb/MMBtu}^{(1)}} $ $ \leq 0.3 \text{ ppmvd} @ 15\% O_2^{(1)} $ $ \leq 0.011 \text{ lb/MW-hr}^{(1, 2, 15)} $		
		H_2SO_4 (no duct firing)	$\leq 2.3 \text{ lb/hr}^{(1, 2)} \\ \leq 0.0010 \text{ lb/MMBtu}^{(1)} \\ \leq 0.1 \text{ ppmvd} @ 15\% \text{ O}_2^{(1)} \\ \leq 0.007 \text{ lb/MW-hr}^{(1, 2, 10, 14)}$		
		H_2SO_4 (duct firing)	$ \leq 2.3 \text{ lb/hr}^{(1, 2)} \\ \leq 0.0010 \text{ lb/MMBtu}^{(1)} \\ \leq 0.1 \text{ ppmvd} @ 15\% \text{ O}_2^{(1)} \\ \leq 0.008 \text{ lb/MW-hr}^{(1, 2, 15)} $		
		PM/PM ₁₀ /PM _{2.5} (no duct firing)	$ \leq \frac{15.58.8 \text{ lb/hr}^{(1, 2, 8)}}{\leq 0.0088 \underline{0071} \text{ lb/MMBtu}^{(1, 8)}} \leq 0.044 \underline{029} \text{ lb/MW-hr}^{(1, 2, 8, 10, -14)} $		
		PM/PM ₁₀ /PM _{2.5} (duct firing)	$ \frac{\leq 45.513.0}{\leq 0.0067-0062} \text{ lb/hr}^{(1, 2, 8)} $ $ \leq 0.0067-0062 \text{ lb/MMBtu}^{(1, 8)} $ $ \leq 0.049-041 \text{ lb/MW-hr}^{(1, 2, 8, 15)} $		
		NH ₃ (no duct firing)	$ \leq 6.6 \text{ lb/hr}^{(1,2)} $ $ \leq 0.0027 \text{ lb/MMBtu}^{(1)} $ $ \leq 2.0 \text{ ppmvd} @ 15\% \text{ O}_2^{(1)} $ $ \leq 0.019 \text{ lb/MW-hr}^{(1,2,10,14)} $		
		NH_3 (duct firing)	$ \leq 6.6 \text{ lb/hr}^{(1,2)} \\ \leq 0.0027 \text{ lb/MMBtu}^{(1)} \\ \leq 2.0 \text{ ppmvd} @ 15\% \text{ O}_2^{(1)} \\ \leq 0.020 \text{ lb/MW-hr}^{(1,2,15)} $		
		Greenhouse Gases, CO _{2e}	\leq 825 lb/MW-hr ⁽¹¹⁾ \leq 895 lb/MW-hr ⁽¹⁶⁾		

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Table 2				
EU#	Operational / Production Limit	Air Contaminant	Emission Limit	
EU5	< 300 hours of operation	NO _v and VOC (NMHC as	< 2.44 lb/hr ⁽⁶⁾	
	per 12-month rolling period	CH_{18}),	$< 3.0 \text{ gm/bhp-hr}^{(6)}$	
	х	Combined Total	$< 4.0 \text{ gm/KW-hr}^{(6)}$	
	Ultra Low Sulfur Diesel	CO	< 2.14 lb/hr ⁽⁶⁾	
	Fuel Oil shall be the only		< 2.6 gm/bhp-hr ⁽⁶⁾	
	fuel of use.		$\leq 3.5 \text{ gm/KW-hr}^{(6)}$	
		S in Fuel	\leq 0.0015% by weight	
	\leq 300 hours of operation	SO_2	\leq 0.004 lb/hr ⁽⁶⁾	
	per 12-month rolling period	H ₂ SO ₄	\leq 0.0003 lb/hr ⁽⁶⁾	
		PM/PM ₁₀ /PM _{2.5}	\leq 0.12 lb/hr ⁽⁶⁾	
	Ultra Low Sulfur Diesel		\leq 0.15 gm/bhp-hr ⁽⁶⁾	
	Fuel Oil shall be the only		$\leq 0.2 \text{ gm/KW-hr}^{(6)}$	
	fuel of use.	Greenhouse Gases, CO _{2e}	≤162.85 lb/MMBtu	
		Opacity	<5%, except 5% to $<10%$ for	
			≤ 2 minutes during any one hour	
EU1, EU2,	NA	Smoke	310 CMR 7.06 (1)(a)	
EU3, EU4,				
EU5				
Facility-Wide	NA NA	NO _x	$\leq 144.8 \text{ TPY}^{(7)}$	
		CO	$\leq 106.4 \text{ TPY}^{(7)}$	
		VOC	$\leq 28.0 \text{ TPY}^{(7)}$	
,		SO ₂	$\leq 28.8 \text{ TPY}^{(7)}$	
		PM/PM ₁₀ /PM _{2.5}	$\leq \frac{109.482.0}{109.482.0}$ TPY ^(7,8)	
		NH ₃	\leq 51.0 TPY ⁽⁷⁾	
		H ₂ SO ₄	\leq 18.8 TPY ⁽⁷⁾	
		Pb	\leq 0.00013 TPY ⁽¹⁾	
		Formaldehyde or Single HAP	\leq 6.6 TPY ⁽⁷⁾	
		Total HAPs	\leq 13.1 TPY ⁽⁷⁾	
		CO ₂	\leq 2,277,333 TPY ⁽⁷⁾	
	· · · · · · · · · · · · · · · · · · ·	Greenhouse Gases, CO _{2e}	\leq 2,279,530 TPY ⁽⁷⁾	

Table 2 Notes:

1. Emission limits are one hour block averages and do not apply during start-ups and shutdowns.

2. Emission rates are based on burning natural gas in any one combustion turbine at a maximum natural gas firing rate of 2,449 MMBtu/hr, HHV, at 90 °F ambient temperature, 14.7 psia ambient pressure, and 60% ambient relative humidity (combustion turbine and duct burner combined). These constitute worst case emissions.

3. Start-ups include the time from flame-on in the combustor (after a period of downtime) until the minimum emissions compliance load (MECL) is reached. Shutdowns include the time from dropping below the MECL until flame-out.

4. Emission limits represent worst case emissions for cold start-ups. Emissions for warm and hot start-ups are

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Table 7				
EU#	Operational / Production Limit	Air Contaminant	Emission Limit	
EU1, EU2	Operation at ≥ MECL, ⁽¹⁷⁾ excluding start-ups and shutdowns	VOC (no duct firing), as Methane (CH ₄)	$ \leq 3.0 \text{ lb/hr}^{(1, 2)} \\ \leq 0.0013 \text{ lb/MMBtu}^{(1)} \\ \leq 1.0 \text{ ppmvd} @ 15\% \text{ O}_2^{(1)} \\ < 0.009 \text{ lb/MW-hr}^{(1, 2, 10, 14)} $	
	Fuel Heat Input Rate of each EU: ≤2,449 MMBtu per hour, HHV	VOC (duct firing), as Methane (CH ₄)	$ \leq 5.4 \text{ lb/hr}^{(1, 2)} \\ \leq 0.0022 \text{ lb/MMBtu}^{(1)} \\ \leq 1.7 \text{ ppmvd} @ 15\% \text{ O}_2^{(1)} \\ < 0.016 \text{ lb/MW-hr}^{(1, 2, 15)} $	
	Natural Gas shall be the only fuel of use.	S in Fuel SO ₂ (no duct firing)	$ \frac{\leq 0.5 \text{ grains}/100 \text{ scf}}{\leq 3.7 \text{ lb/hr}^{(1,2)}} \\ \leq 0.0015 \text{ lb/MMBtu}^{(1)} $	
	Fuel Heat Input of each EU: $\leq 18,888,480$ MMBtu,	SO ₂ (duct firing)	$ \leq 0.3 \text{ ppmvd} @ 15\% O_2^{(1)} \\ \leq 0.010 \text{ lb/MW-hr}^{(1, 2, 10, 14)} \\ \leq 3.7 \text{ lb/hr}^{(1, 2)} $	
	period ⁽⁹⁾		$\leq 0.0015 \text{ lb/MMBtu}^{(1)} \leq 0.3 \text{ ppmvd} @ 15\% \text{ O}_2^{(1)} \leq 0.011 \text{ lb/MW-hr}^{(1,2,15)}$	
		H ₂ SO ₄ (no duct firing)	$ \leq 2.3 \text{ lb/hr}^{(1,2)} $ $ \leq 0.0010 \text{ lb/MMBtu}^{(1)} $ $ \leq 0.1 \text{ ppmvd} @ 15\% \text{ O}_2^{(1)} $ $ \leq 0.007 \text{ lb/MW-hr}^{(1,2,10,14)} $	
		H_2SO_4 (duct firing)	$\leq 2.3 \text{ lb/hr}^{(1,2)}$ $\leq 0.0010 \text{ lb/MMBtu}^{(1)}$ $\leq 0.1 \text{ ppmvd } @ 15\% \text{ O}_2^{(1)}$ $< 0.008 \text{ lb/MW-hr}^{(1,2,15)}$	
		PM/PM ₁₀ /PM _{2.5} (no duct firing)	$ \leq \frac{15.58.8 \text{ lb/hr}^{(1,2,8)}}{\leq 0.0088 \cdot 0071 \text{ lb/MMBtu}^{(1,8)}} \leq 0.044 \cdot 029 \text{ lb/MW-hr}^{(1,2,8,10,4)} $	
		PM/PM ₁₀ /PM _{2.5} (duct firing)	$ \leq \frac{15.513.0 \text{ lb/hr}^{(1,2,8)}}{\leq 0.0067 \cdot 0.062} \text{ lb/MMBtu}^{(1,8)} \\ \leq 0.049 \cdot 0.041 \text{ lb/MW-hr}^{(1,2,8,15)} $	
		NH3 (no duct firing)	$ \leq 6.6 \text{ lb/hr}^{(1,2)} \\ \leq 0.0027 \text{ lb/MMBtu}^{(1)} \\ \leq 2.0 \text{ ppmvd} @ 15\% \text{ O}_2^{(1)} \\ \leq 0.019 \text{ lb/MW-hr}^{(1,2,10,14)} $	
		NH ₃ (duct firing)	$ \leq 6.6 \text{ lb/hr}^{(1, 2)} \\ \leq 0.0027 \text{ lb/MMBtu}^{(1)} \\ \leq 2.0 \text{ ppmvd} @ 15\% \text{ O}_2^{(1)} \\ < 0.020 \text{ lb/MW-hr}^{(1, 2, 15)} $	
		Greenhouse Gases, CO _{2e}	$ \frac{\leq 825 \text{ lb/MW-hr}^{(11)}}{\leq 895 \text{ lb/MW-hr}^{(16)}} $	

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Table 7				
EU#	Operational / Production	Air Contaminant	Emission Limit	
			< 2 44 1L (1 (9)	
EUS I	≤ 300 nours of operation	NO_x and VOC (NMHC as	≤ 2.44 lb/nr $\langle 2.0 \rangle$	
	per 12-month rolling period	Cambined Tetal	$\leq 3.0 \text{ gm/onp-nr}$	
	Illing Lour Sulfur Diagol		\leq 4.0 gm/K w-nr \leq 2.14 lb (b-r $^{(0)}$	
	Eval Oil shall be the only	CO	$\leq 2.14 \text{ ID/III}$	
	fuel of use		≤ 2.0 gm/onp-m ≤ 3.5 gm/KW hr ⁽⁶⁾	
	fuer of use.	S in Fuel	\leq 3.5 gm/K w-m	
	< 200 hours of operation		$\leq 0.0013\%$ by weight	
	≤ 500 flours of operation		$\leq 0.004 \text{ Ib/III}$	
	per 12-monut forming period	12504	$\leq 0.0003 \text{ ID/III}$	
	Illtra I ow Sulfur Diesel	F 1V1/F 1V1 ₁₀ /1 ⁻ 1V1 _{2.5}	≤ 0.12 10/10 \sim	
	Fuel Oil shall be the only		≤ 0.15 gm/onp-m ≤ 0.2 gm/KW hr ⁽⁶⁾	
	fuel of use	Greenhouse Gogos, CO.	≤ 0.2 gm/K w-m	
	ruer of use.	Orecity	≤ 102.85 10/10/10/10/10	
		Opacity	< 3%, except $3%$ to $< 10%$ for < 2 minutes during any one have	
	<u> </u>	Smale	≥ 2 infinites during any one noun	
EU1, EU2,	INA	Smoke	510 CMR 7.00 (1)(a)	
EU3, EU4,				
E05 Facility, Wide	NA	NÔ	< 144 8 TPV ⁽⁷⁾	
acing - whee			$< 106.4 \text{ TPV}^{(7)}$	
		VOC	$< 28.0 \text{ TPV}^{(7)}$	
		<u>80</u>	$ \leq 28.0 \text{ TPV}^{(7)} $	
1		$\frac{BO_2}{PM/PM_{ex}/PM_{ex}}$	$< 100.482 \text{ A TDV}^{(7,8)}$	
		NIL.	$\leq 107.102.0$ II 1 < 51.0 TPV ⁽⁷⁾	
			≤ 51.0 If I ≥ 19.9 TDV ⁽⁷⁾	
		Dh	$\leq 10.0 \text{ 1 F I}$	
		Formaldabuda ar Singla HAD	≤ 0.00013 IF 1	
		Total HADs	$\frac{\geq 0.0 \text{ If I}}{\langle 12 1 \text{ TPV}^{(7)}}$	
			$\frac{> 13.1 \text{ If I}}{< 2.277.222 \text{ TDV}^{(7)}}$	
		Cranhouse Creat CO	$\geq 2,270,520$ TDV ⁽⁷⁾	
		Greenhouse Gases, CO_{2e}	$\leq 2,279,330$ 1PX V	

Table 7 Notes:

1. Emission limits are one hour block averages and do not apply during start-ups and shutdowns.

2. Emission rates are based on burning natural gas in any one combustion turbine at a maximum natural gas firing rate of 2,449 MMBtu/hr, HHV, at 90 °F ambient temperature, 14.7 psia ambient pressure, and 60% ambient relative humidity (combustion turbine and duct burner combined). These constitute worst case emissions.

3. Start-ups include the time from flame-on in the combustor (after a period of downtime) until the minimum emissions compliance load (MECL) is reached. Shutdowns include the time from dropping below the MECL until flame-out.

4. Emission limits represent worst case emissions for cold start-ups. Emissions for warm and hot start-ups are