March 11, 2015
Merrimack Station Briefing

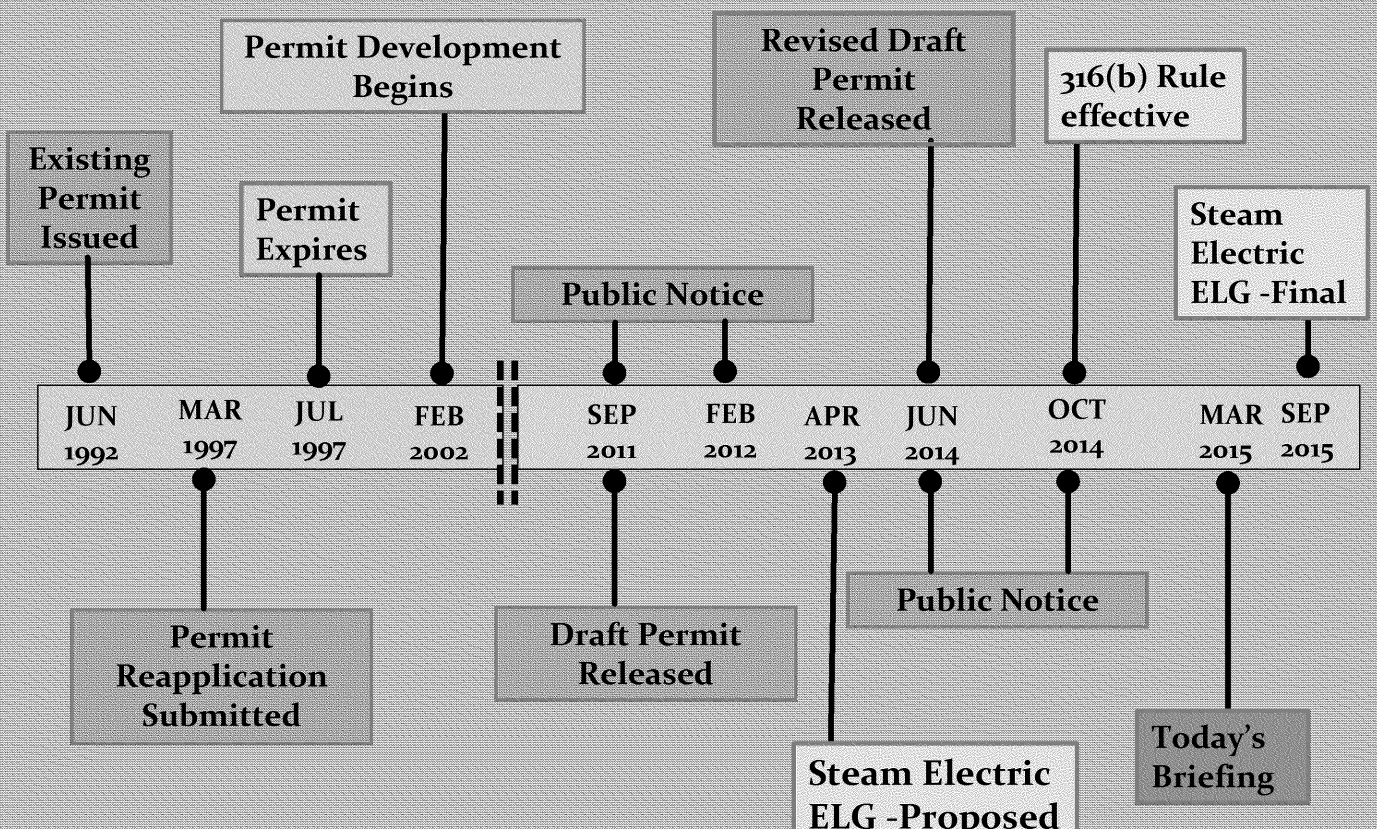
Merrimack River
River Rd
Mason Ave

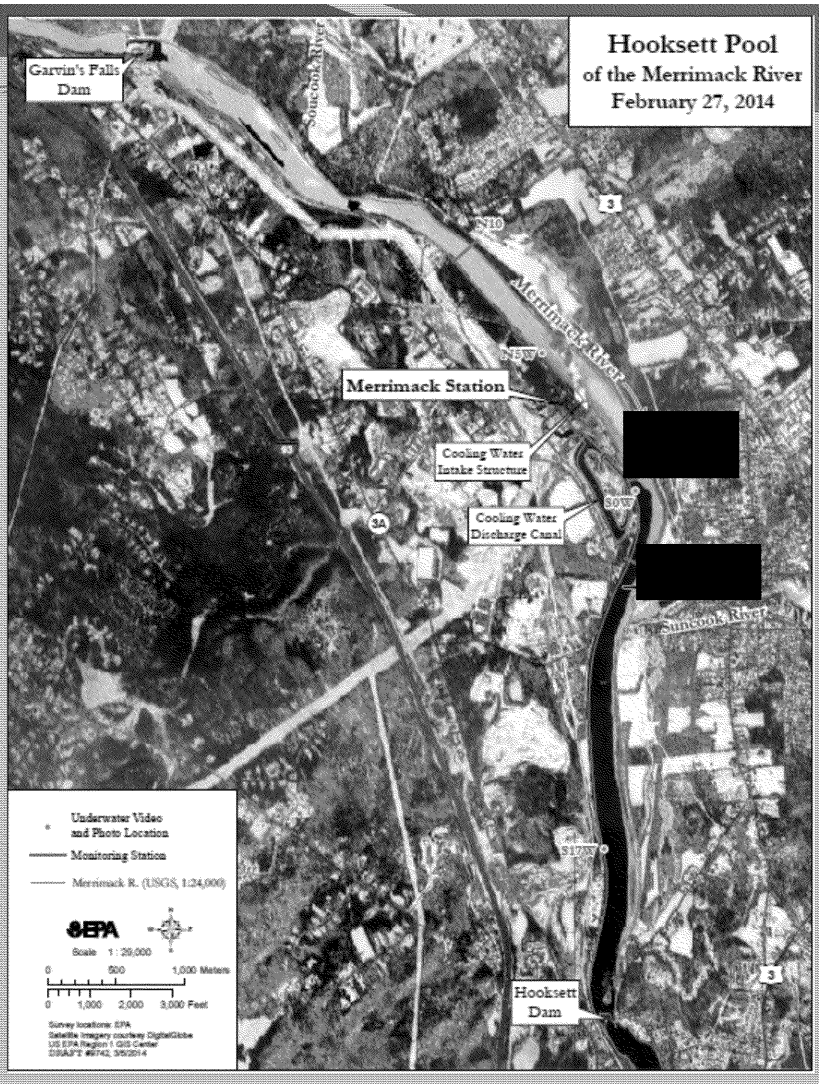
The Facility

* 470 MW coal-fired. Unit 1 -1960, Unit 2 – 1968
* Owned by PSNH. Northeast Utilities now Eversource Energy
* Considered a base load facility, but currently operating at <u>significantly</u> reduced capacity
* Withdraws and discharges ~287 MGD non-contact cooling water into impounded section of Merrimack River.
* In 2011, PSNH installed and began operating a <u>wet</u> FGD scrubber at Merrimack Station. By June 2012, a VCE system was operating to reduce/eliminate the FGD discharge

[redacted]

Merrimack Station Permit Development History




Hooksett Pool
of the Merrimack River
February 27, 2014
Garvin's Falls Dam
Suncook River
S10
Merrimack River
S15W
Merrimack Station
Cooling Water Intake Structure
Cooling Water Discharge Canal
S0W
3
3A
Suncook River
S17W
Hooksett Dam
Underwater Video and Photo Location
Monitoring Station
Merrimack R. (USGS, 1:24,000)
EPA
Scale 1 : 29,000
0 500 1,000 Meters
0 1,000 2,000 3,000 Feet
Survey locations: EPA
Satellite imagery courtesy DigitalGlobe
US EPA Region 1 GIS Center
DRAFT #8742, 3/5/2014