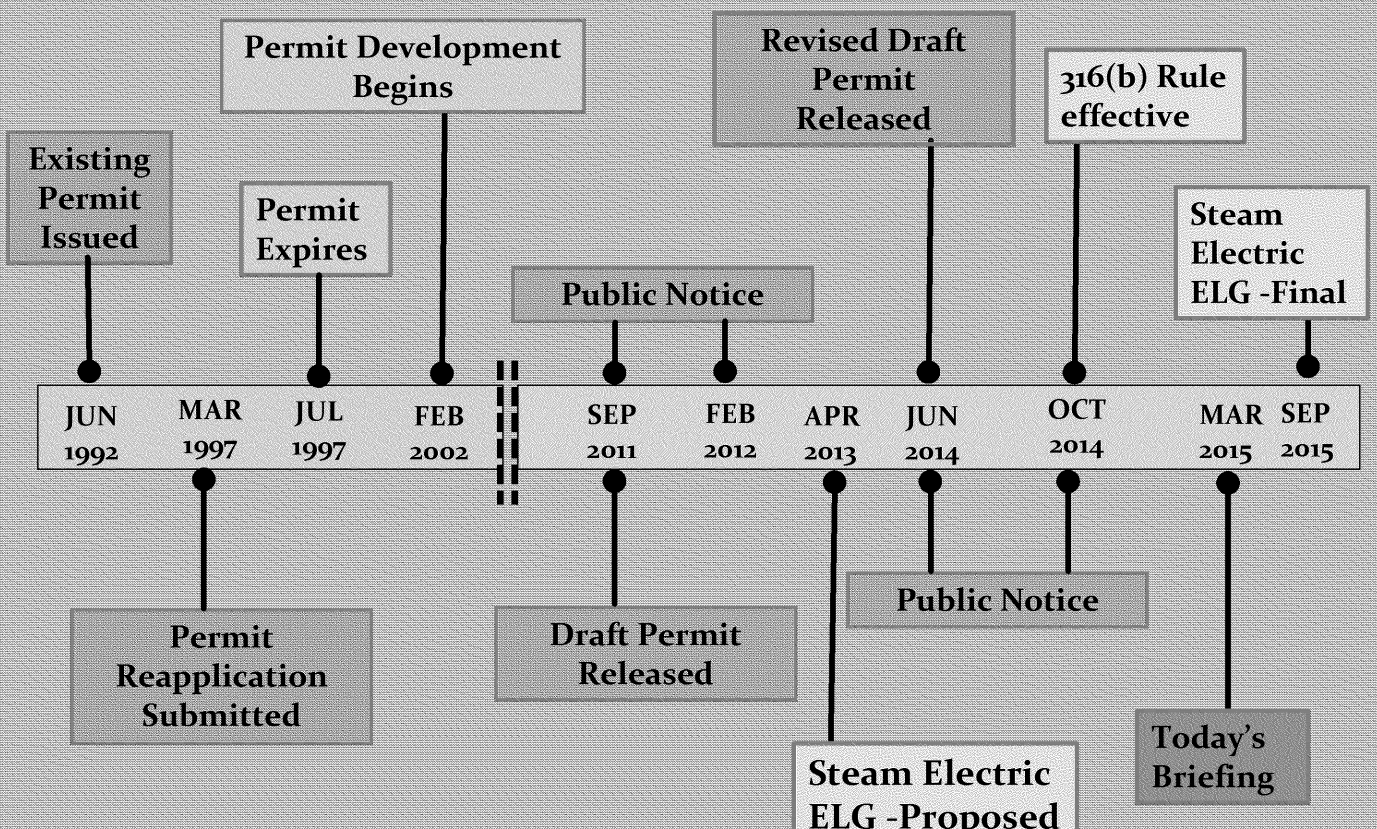
March 11, 2015
Merrimack Station Briefing

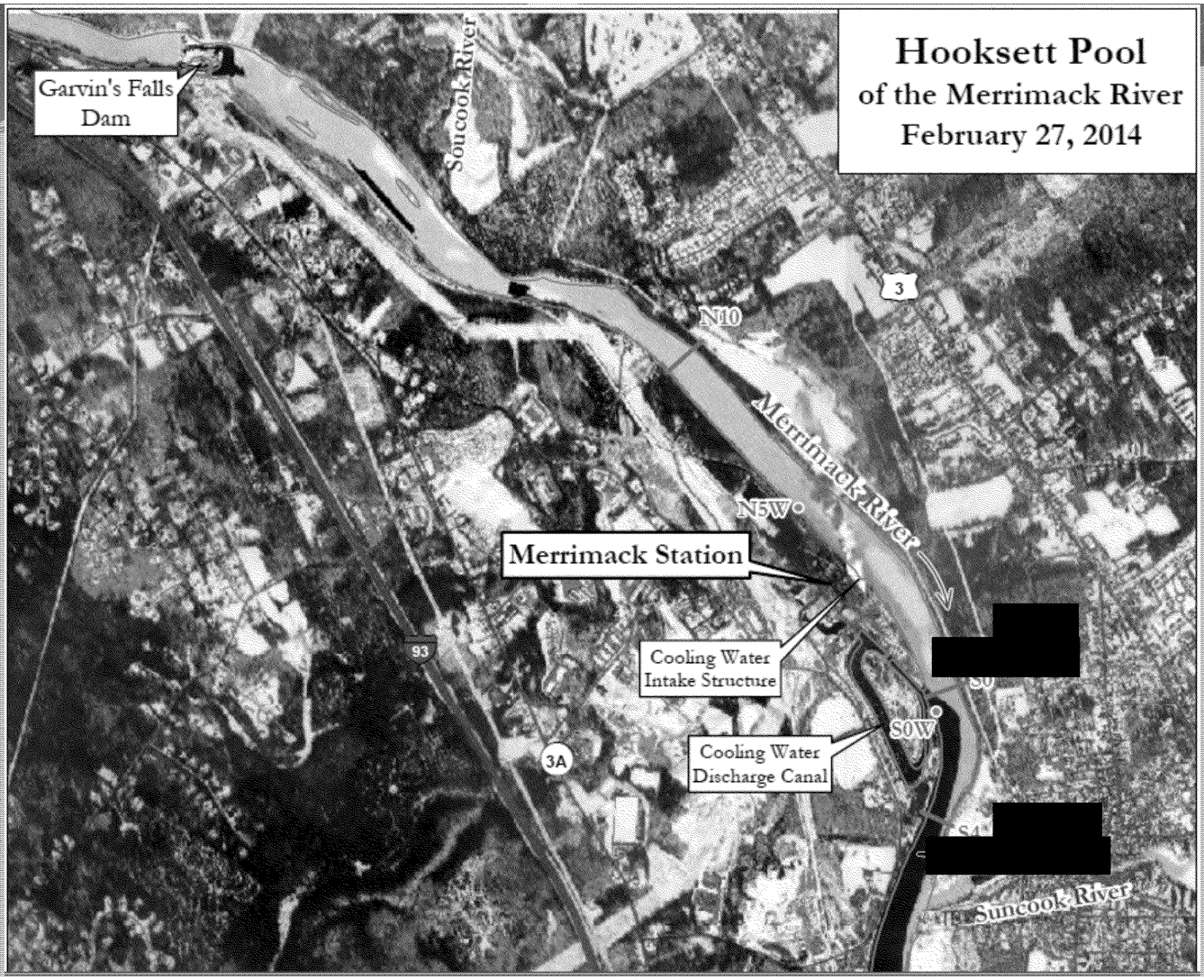
Merrimack River
River Rd
Mason Ave

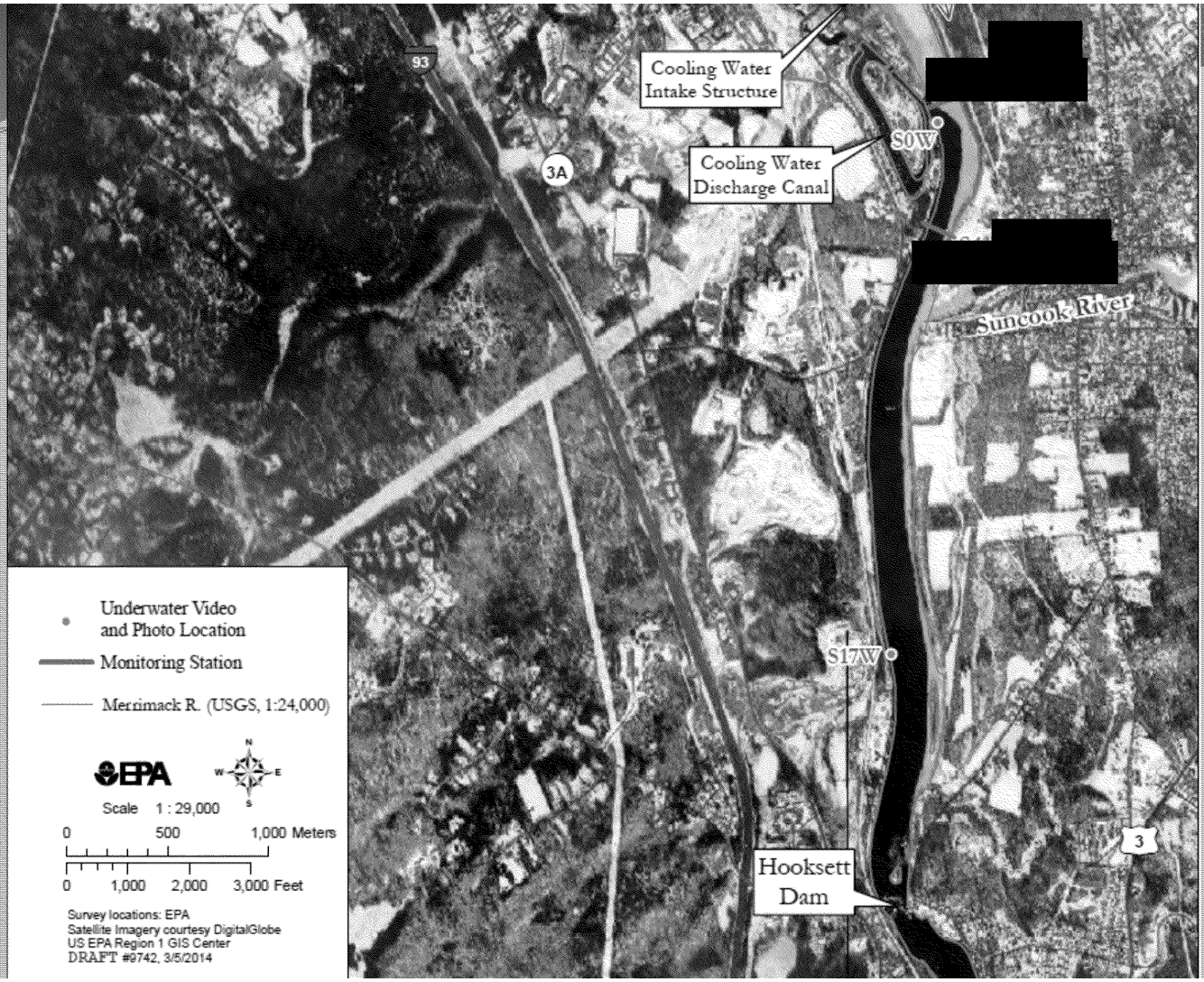
The Facility

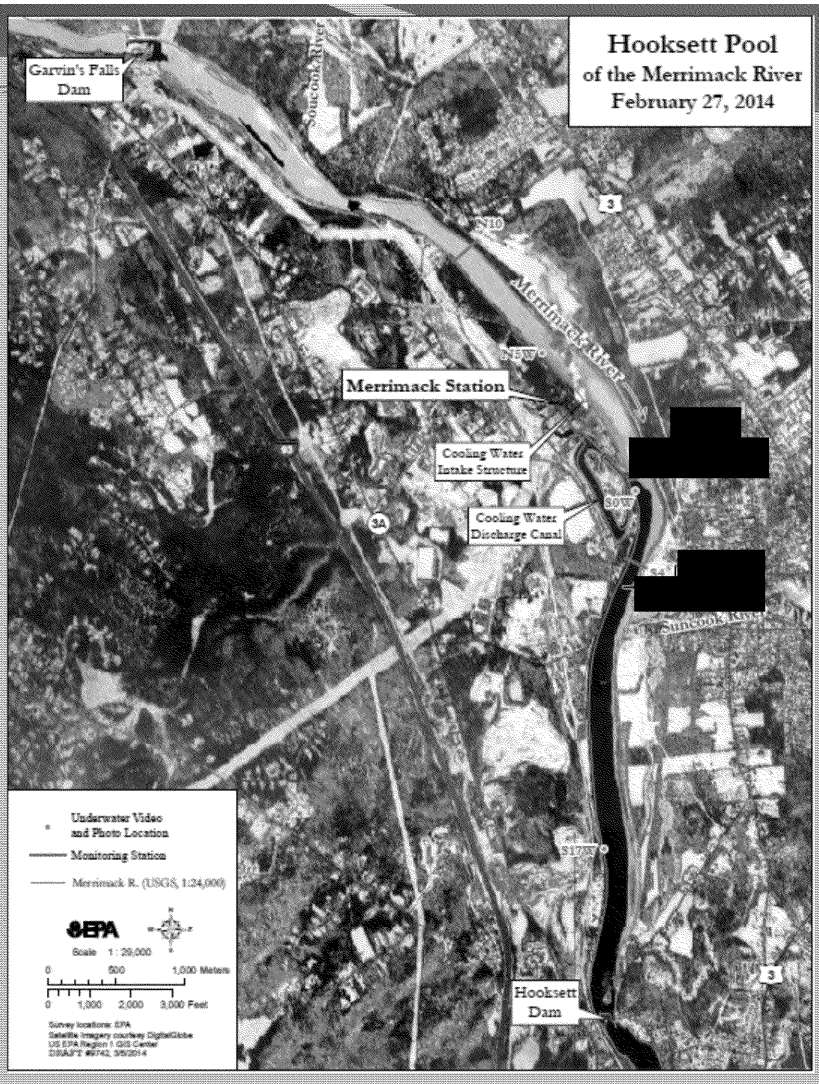
- 470 MW coal-fired. Unit 1 -1960, Unit 2 – 1968
- Owned by PSNH. Northeast Utilities is now Eversource Energy
- Considered a base load facility but currently operating at reduced capacity
- Withdraws and discharges ~287 MGD non-contact cooling water altering the river's thermal profile and entraining and impinging aquatic organisms
- In 2011, PSNH installed and began operating a wet FGD scrubber at Merrimack Station. By June 2012, a VCE system was operating to reduce/eliminate the FGD discharge

Merrimack Station Permitting Time Line




Hooksett Pool
of the Merrimack River
February 27, 2014
Garvin's Falls Dam
Soucook River
N10
3
Merrimack River
N5W°
Merrimack Station
Cooling Water Intake Structure
93
3A
S0W°
Cooling Water Discharge Canal
[redacted]
Suncook River


Cooling Water Intake Structure
Cooling Water Discharge Canal
S0W
[redacted]
[redacted]
Suncook River
93
3A
S17W
Hooksett Dam
3
Underwater Video and Photo Location
Monitoring Station
Merrimack R. (USGS, 1:24,000)
EPA
N
W
E
S
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 #9742, 3/5/2014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