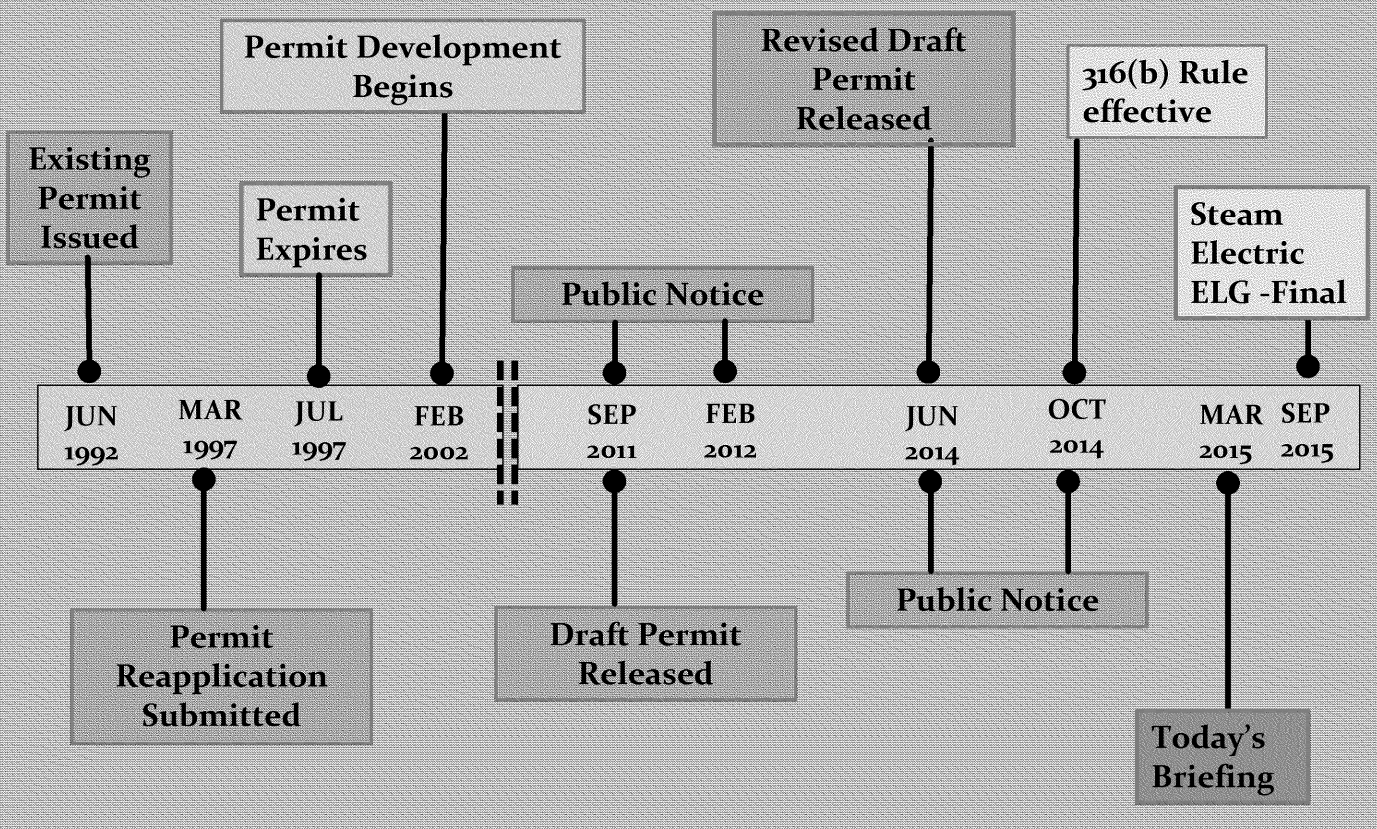
March 11, 2015
Merrimack Station Briefing

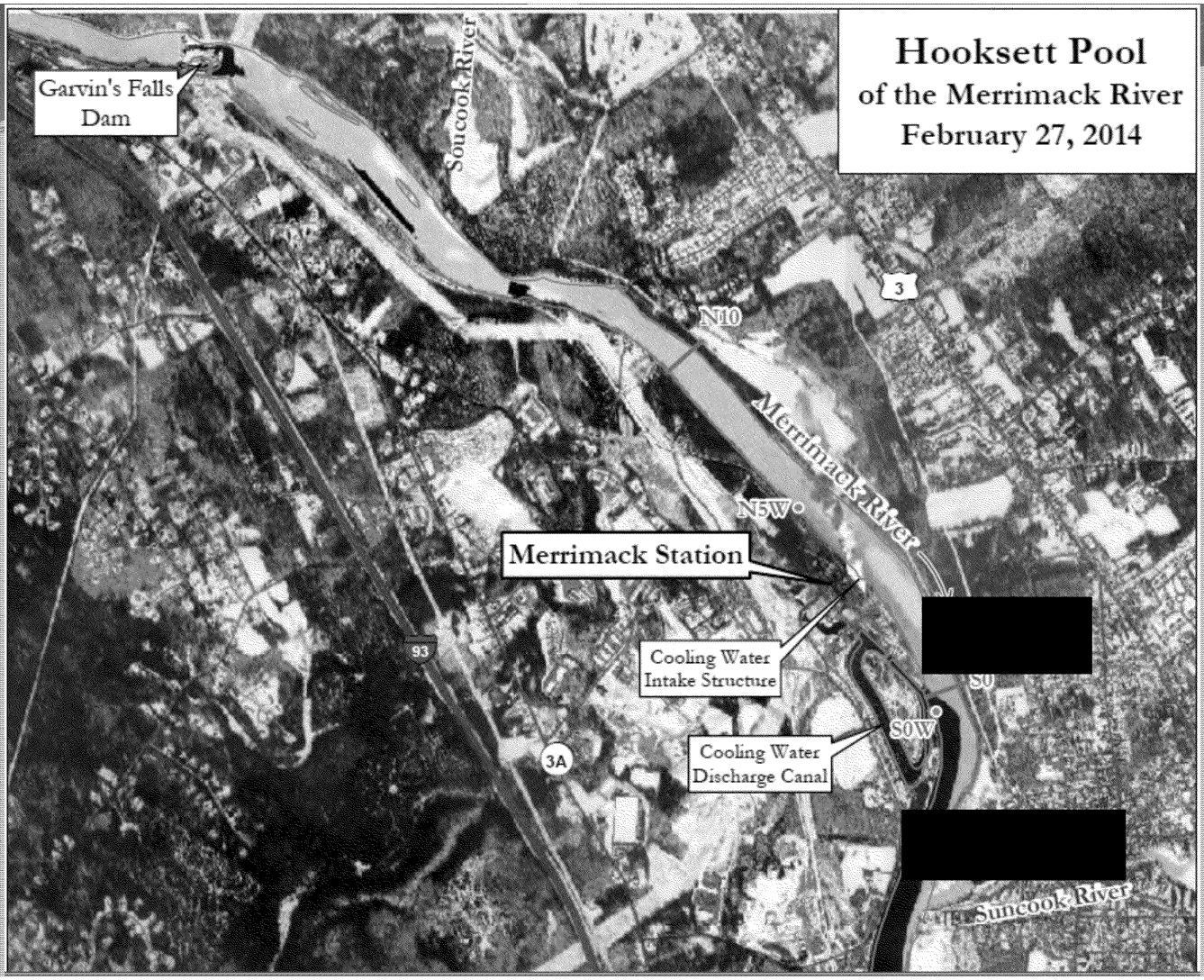
Merrimack River
River Rd
Mason Ave

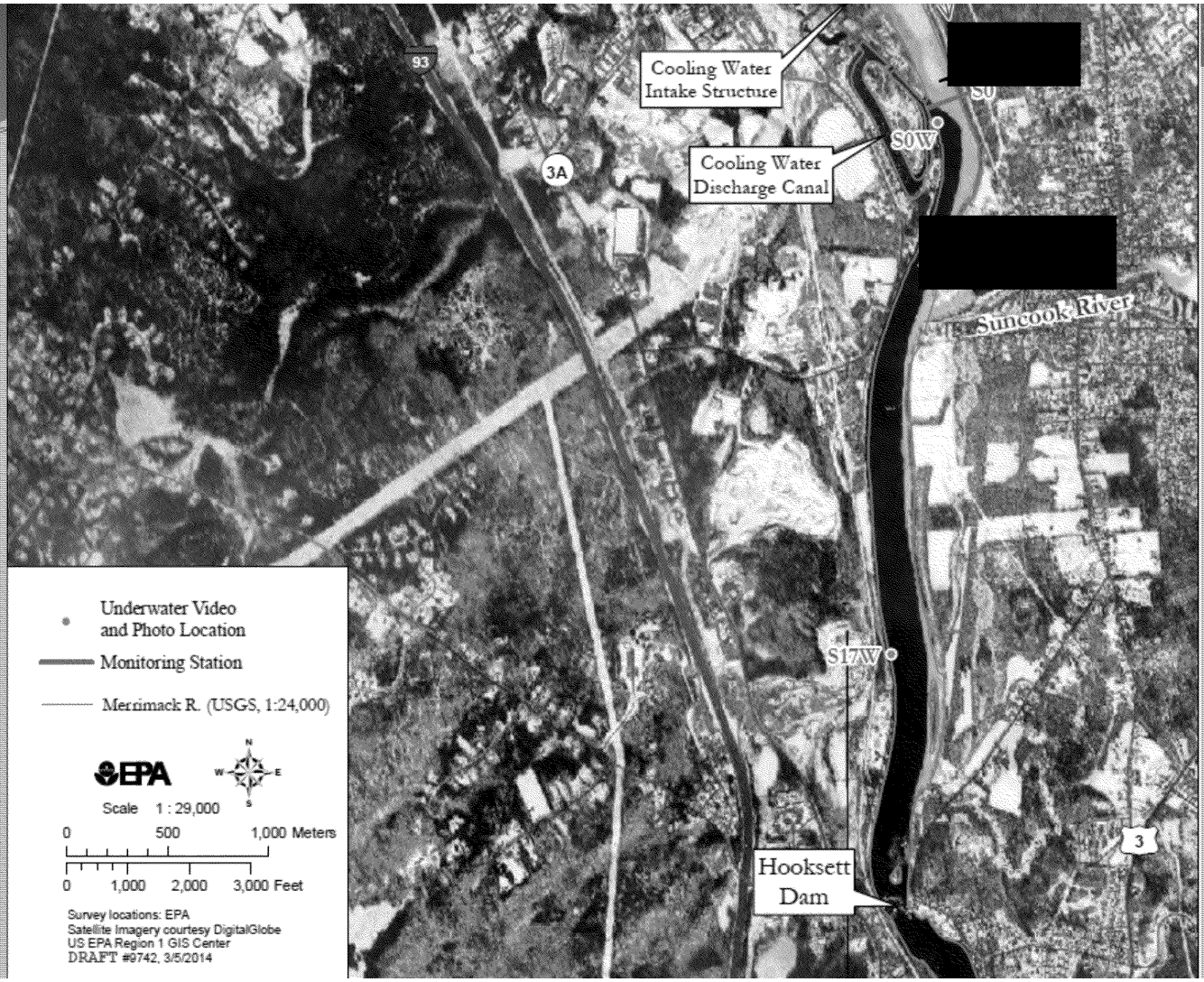
The Facility

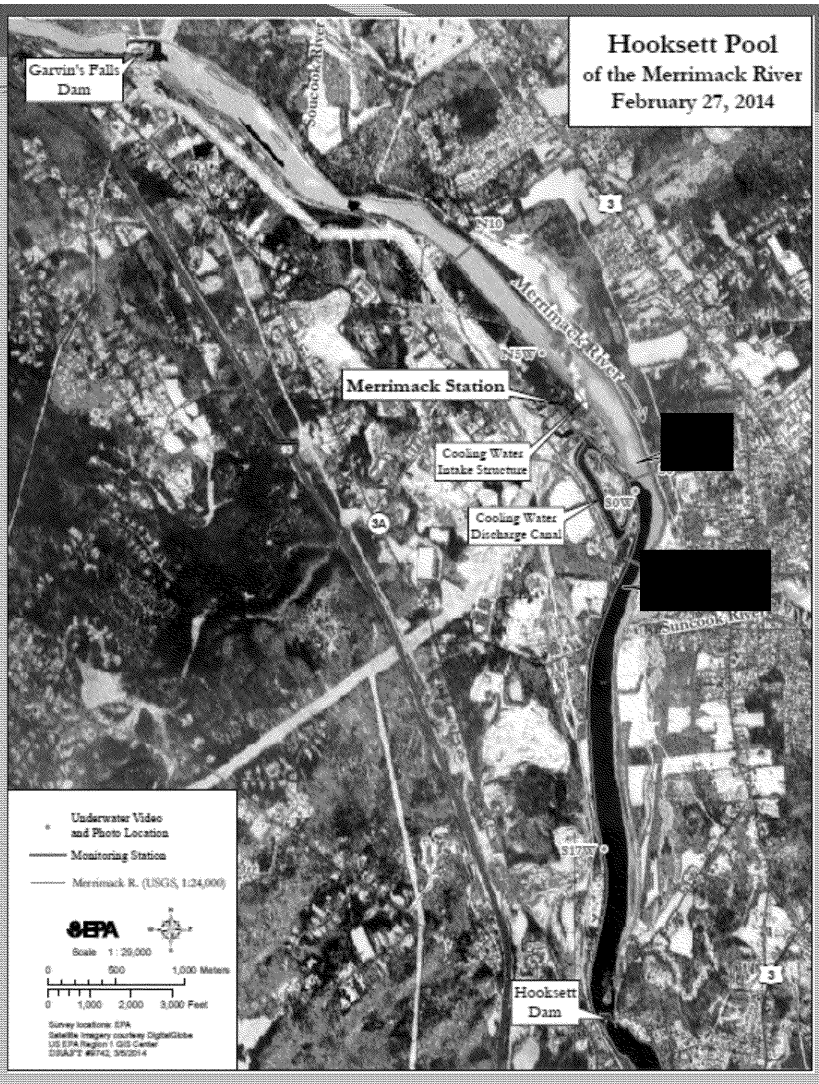
- 470 MW coal-fired. Unit 1 -1960, Unit 2 – 1968
- Owned by PSNH. Northeast Utilities is now Eversource Energy
- Considered a base load facility but currently operating at reduced capacity
- Withdraws and discharges ~287 MGD non-contact cooling water altering the river's thermal profile and entraining 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
[redacted]
S0
S0W°
Cooling Water Discharge Canal
93
3A
[redacted]
Suncook River


Cooling Water
Intake Structure
Cooling Water
Discharge Canal
S0
S0W
S17W
Suncook River
93
3A
3
Hooksett
Dam
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


Hooksett Pool
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