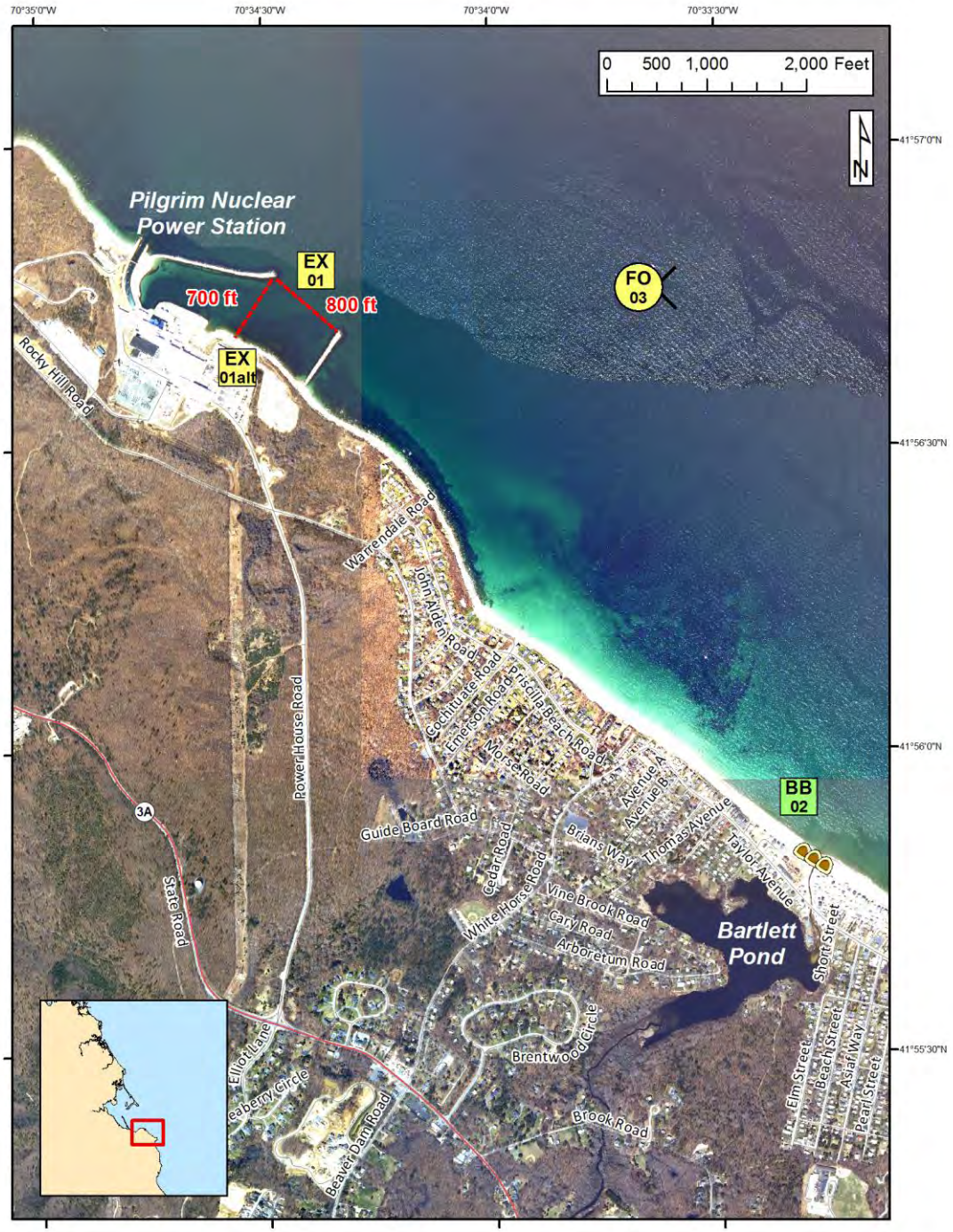

A total of 1 State Response Trailer is required to implement all of the tactics in this GRP.

Responders should always consider on-scene conditions before deploying GRP tactics. Tactics may not be safe or effective under certain conditions. Responder safety should always be the first priority. The strategies contained within this plan have been designed to mitigate a potential off-shore or off-site release that could impact the subject plan area. When responding to other types of spills these tactics will likely require significant modification.

ID	Location and Description	Response Strategy	Implementation
SS-13-01 EX	**Entrance to Pilgrim Nuclear Power Station** Lat. 41°56'43.99"N Lon. 70°34'24.84"W	**Exclusion Booming** Prevent oil from entering the intake lagoon at Pilgrim Nuclear Power Station.	Deploy 800ft boom across the opening to the intake lagoon at the Pilgrim Nuclear Power Station. If this tactic fails due to conditions, consider the alternate tactic. For the alternate, deploy 700ft of boom across the interior of the lagoon. Deploy anchors every 200ft. Tend boom throughout the tidal cycle.
SS-13-02 BB	**Mouth of Bartlett Pond** Lat. 41°55'49.35"N Lon. 70°33'16.82"W	**Beach Berm** Prevent oil from entering the stream.	Build a beach berm approximately 50ft long. Use local beach and inter-tidal bar sediments. Do not destroy any part of foredune. If the dike is expected to remain in place for more than a few days, place one or more 20' x 12" pipe in the channel and build the dike on top of the pipe. Use culvert plugs to control water flow through the pipe. Responders should not construct a berm unless directed by Unified Command. The predominant flow is outbound. This tactic would only be used during a spill in the bay where astronomical high tides or storm surges create the risk of marine waters flowing upriver.
SS-13-03 FO	**Offshore of Manomet Heights**	**Free-Oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Manomet Heights depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the area. Use aerial surveillance to locate incoming slicks. Ensure that responders have experience with on-water free-oil recovery.

Additional Consideration:

As outlined in 33 Code of Federal Regulations (CFR) Part 165.115 a Safety and Security Zone exists in the waters adjacent to the Pilgrim Nuclear Power Plant. No person may enter the water or land area within the boundaries of the safety and security zones unless previously authorized by the Captain of the Port Boston or his patrol representative. Contact USCG Sector Boston and refer to NOAA Chart 13246 and 33 CFR 165.115 for additional information.

ID	Response Resources	Staging Area Site Access	Resources Protected	Special Considerations
SS-13-01 EX	**Deployment** ***Equipment*** 800 ft 18" boom 3 anchor systems 2 anchor stakes ***Vessels*** 2 skiffs ***Personnel/Shift*** 6-8 total (1 vessel operator + 1 responder per vessel, 4 shoreside responders) **Tending** ***Vessels*** 1 skiff ***Personnel/Shift*** 3-4 total (1 vessel operator + 1 responder per vessel, 2 shoreside responders)	Before attempting to gain access to Pilgrim Nuclear Power Station, permission must be obtained from the plant operators, see contact information for the contact number. To access EX-01b from the shore: From Rt 3A/State Road, turn onto White Horse Road. Turn right onto Taylor Ave. There is a small bridge that goes over the stream to Bartlett Pond near Homer Ave. NOAA Chart 13246	**Marine Mammals** – Whales, Harbor Seals **Fish** – Anadromous Fish, Finfish **Invertebrates** – Shellfish **Birds** – Shorebirds, Seabirds, Nesting Areas **Threatened Species** – Northern Right Whale **Human Use** – Beach, Boat Ramp, Recreational Fishing, Water Intake **Habitat** - Beach, Riprap	Vessel master should have local knowledge. Consider the time of year and relative presence of recreational boats when preparing to implement these strategies. Consult with the local harbormaster to develop a plan to address the presence of recreational boaters. Consider encouraging the immediate removal of recreational boats from target areas in the event of a spill if time allows. There are 4 water intakes located in the Pilgrim Nuclear Power Station intake lagoon. Contact plant personnel before attempting to deploy equipment. Tested: not yet
SS-13-02 BB	**Deployment** ***Equipment*** Local beach material 1 tractor with front end loader 2 pipes (20' x 12") 2 culvert plugs 24 sand bags 2 spade shovels 1 air pump ***Personnel/Shift*** 3-4 shoreside responders	Same as SS-13-01	Same as SS-13-01	This area can have high wave energy at times.
SS-13-03 FO	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Same as SS-13-01	Same as SS-13-01	Vessel master should have local knowledge. Free-oil recovery should only be attempted if conditions permit and by experienced responders.

Site Photographs and Contact Information

View looking north from the shore of the Pilgrim Nuclear Power Station intake lagoon. (EX-01)

View looking south from the shore of the Pilgrim Nuclear Power Station intake lagoon. (EX-01)

The entrance to the creek leading to Bartlett Pond. (BB-02)

View looking west towards the entrance to the creek leading to Bartlett Pont. (BB-02)

Contacts:
Mass. Dept of Environmental Protection (24 Hours): 888-304-1133
Pilgrim Nuclear Power Station Control Room: 508-830-8123
Plymouth Conservation Commission: 508-747-1620
Plymouth Dept of Emergency Management: 508-833-5801
Plymouth Fire Dept: 508-830-4213
Plymouth Harbormaster: 508-830-4182
U.S. Coast Guard (24 Hours): 617-223-5750

Mutual Aid is available from other communities within the Buzzard's Bay GRP region that have state response trailers. More information can be found on the following MassDEP web site: http://www mass.gov/eea/agencies/massdep/cleanup/marine/#5

Additional information regarding State Response Trailers, including locations and inventories can be found here: http://www mass.gov/eea/agencies/massdep/cleanup/marine/oil-spill-training-and-equipment-resources html