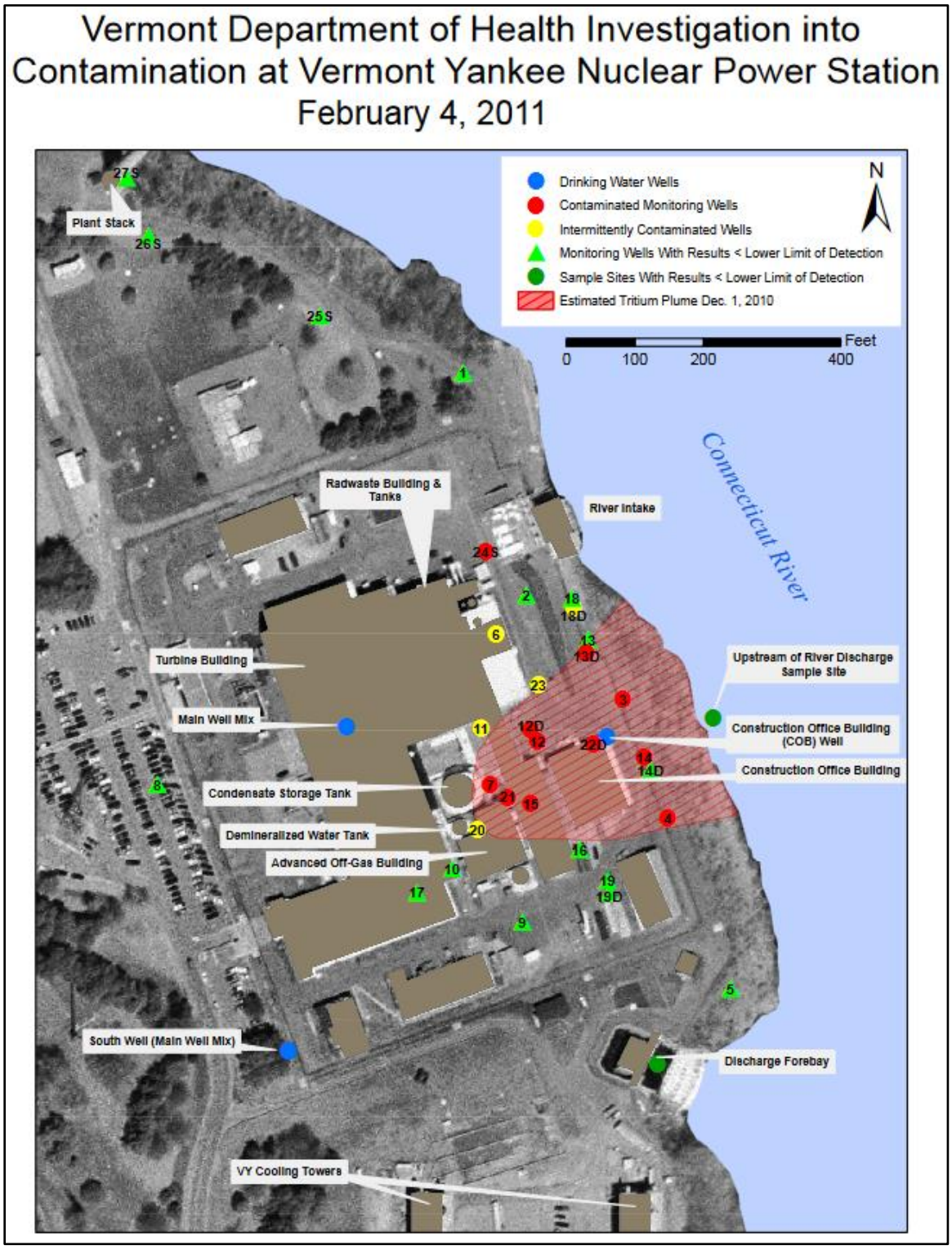
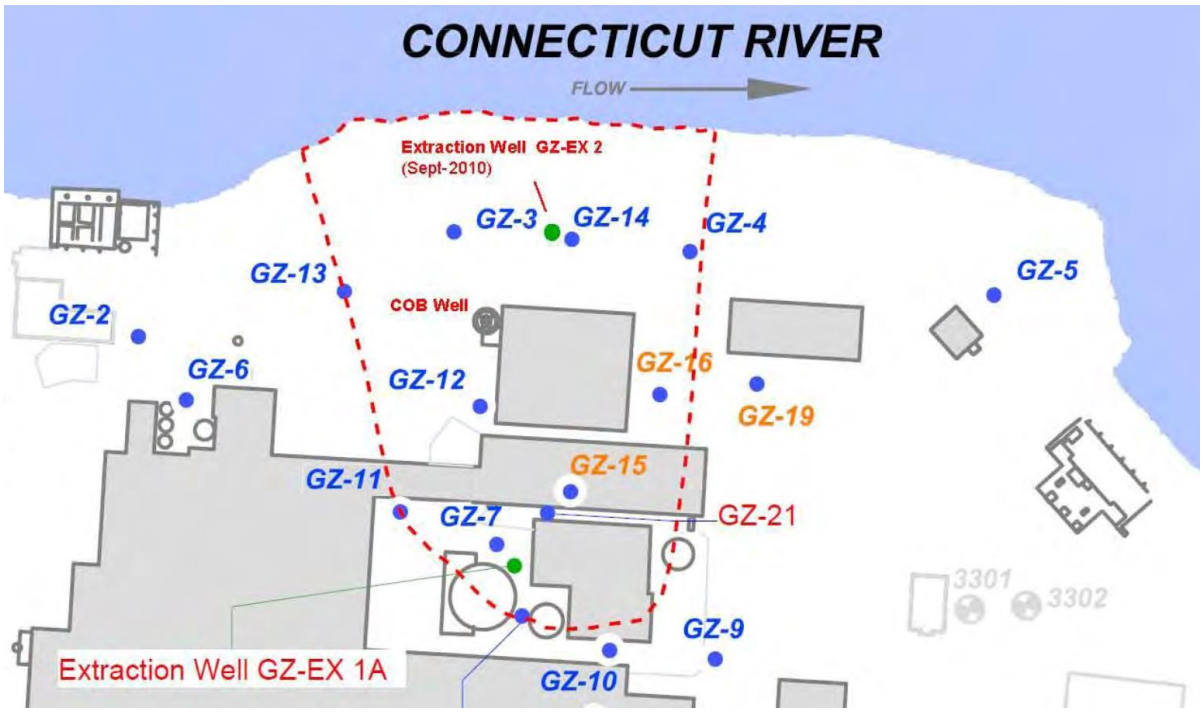
Investigation into Tritium Contamination at Vermont Yankee
Maps, images and diagrams



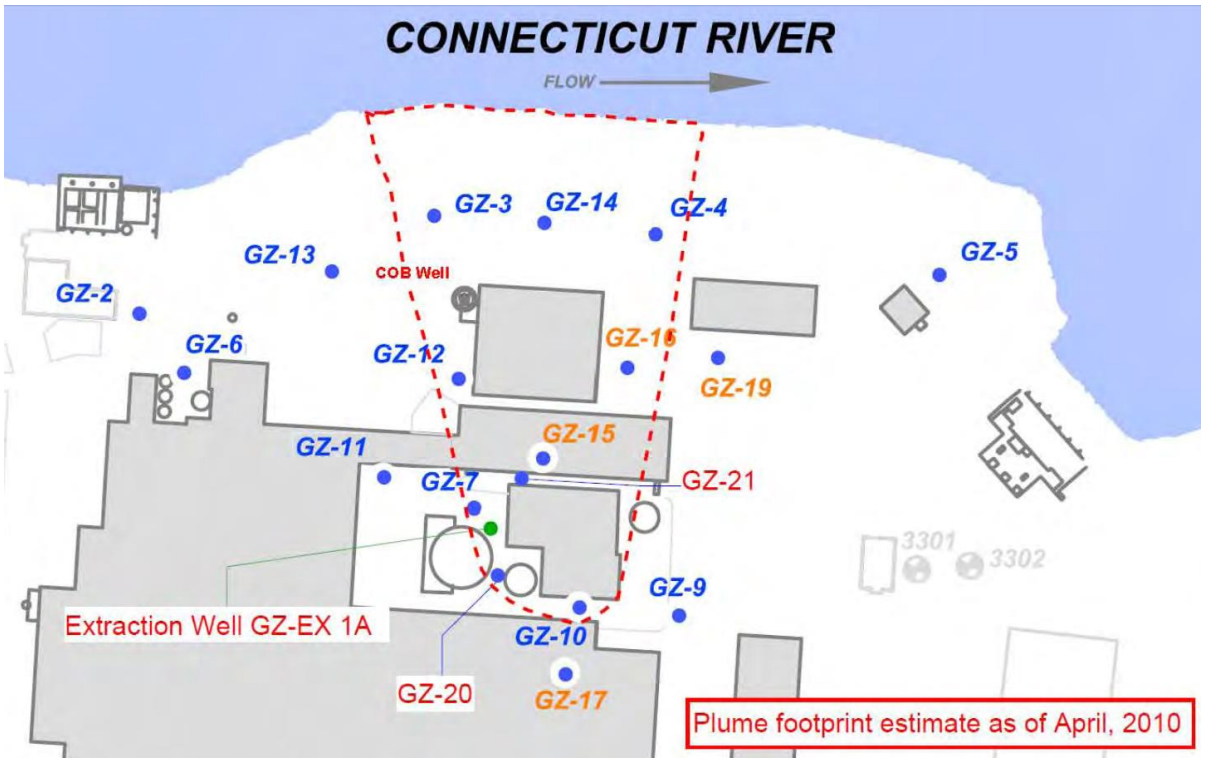
Monitoring Well Location Map & Plume Footprint Estimate

Illustrations of the Vermont Yankee power station property.

Each displays labeled locations of the monitoring wells, and a representation of the estimated plume footprint.

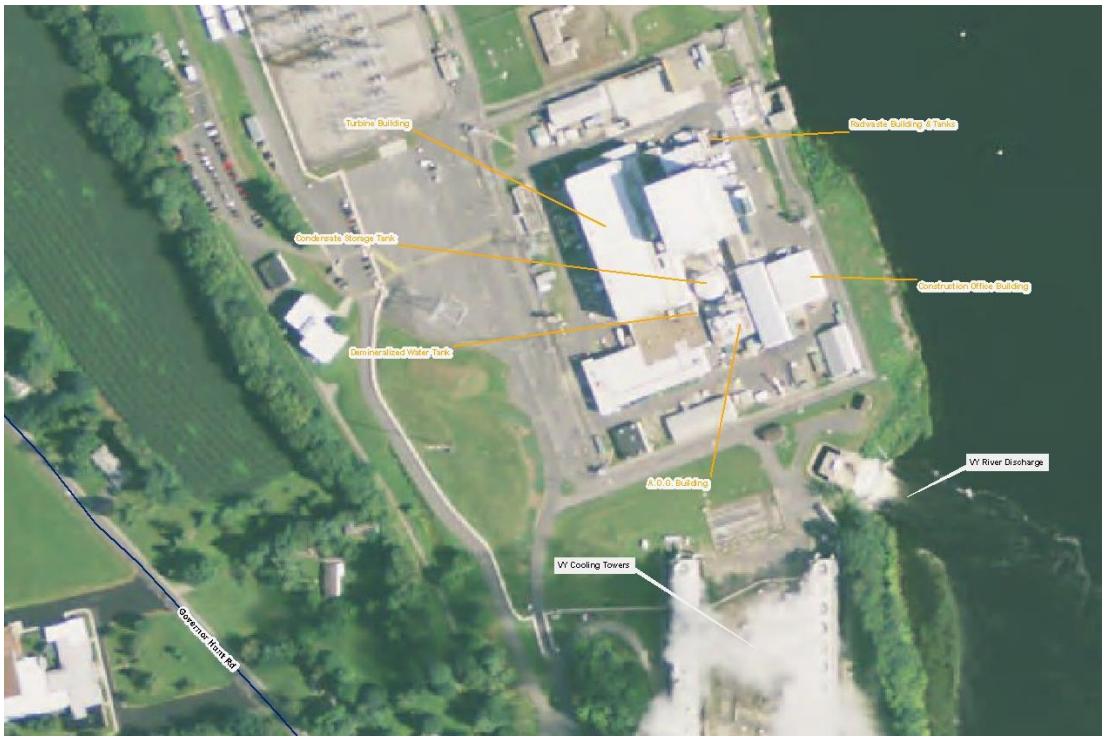


September 2010



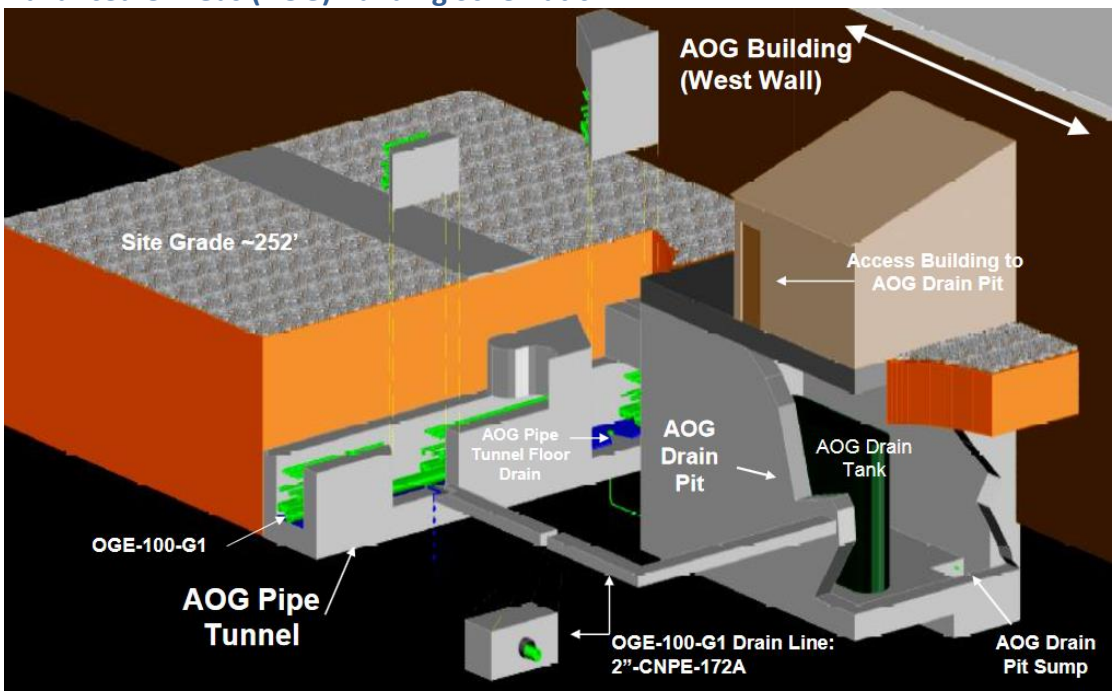
April 2010

Vermont Yankee Site



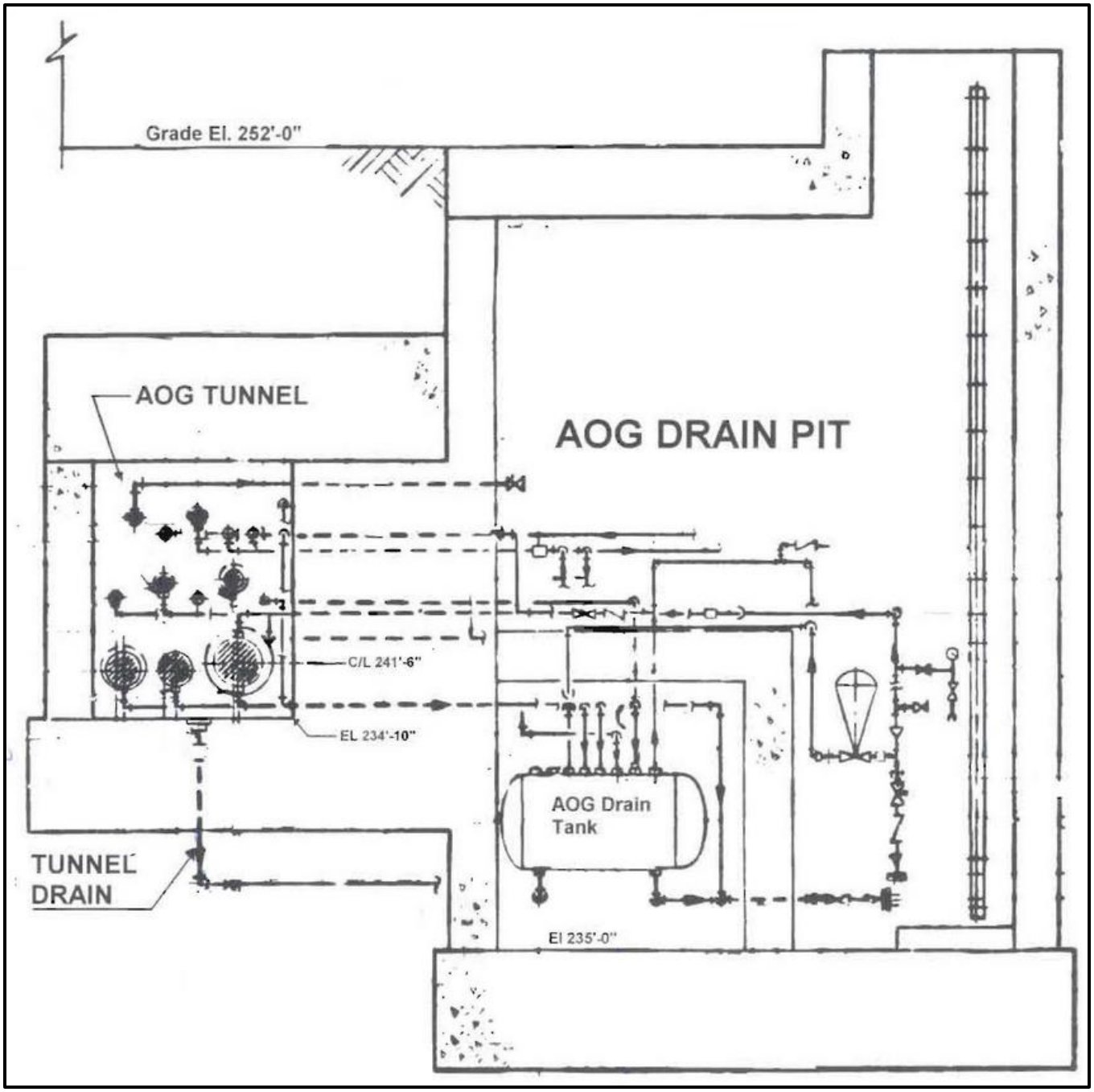
Aerial image of the Vermont Yankee power station property, with certain buildings labeled.

Advanced Off-Gas (AOG) Building Schematic



This 3-D schematic representation shows the AOG Building and related infrastructure within the surrounding excavation area.

AOG Pipe Tunnel Schematic



This drawing illustrates the orientation of the AOG pipe tunnel, at the north end of the excavation, and the AOG drain pit to the south. The drain pit runs along the length of the excavation, between the excavation and the AOG Building. Within the drain

AOG Pipe Tunnel Excavation Soil Sampling Sites

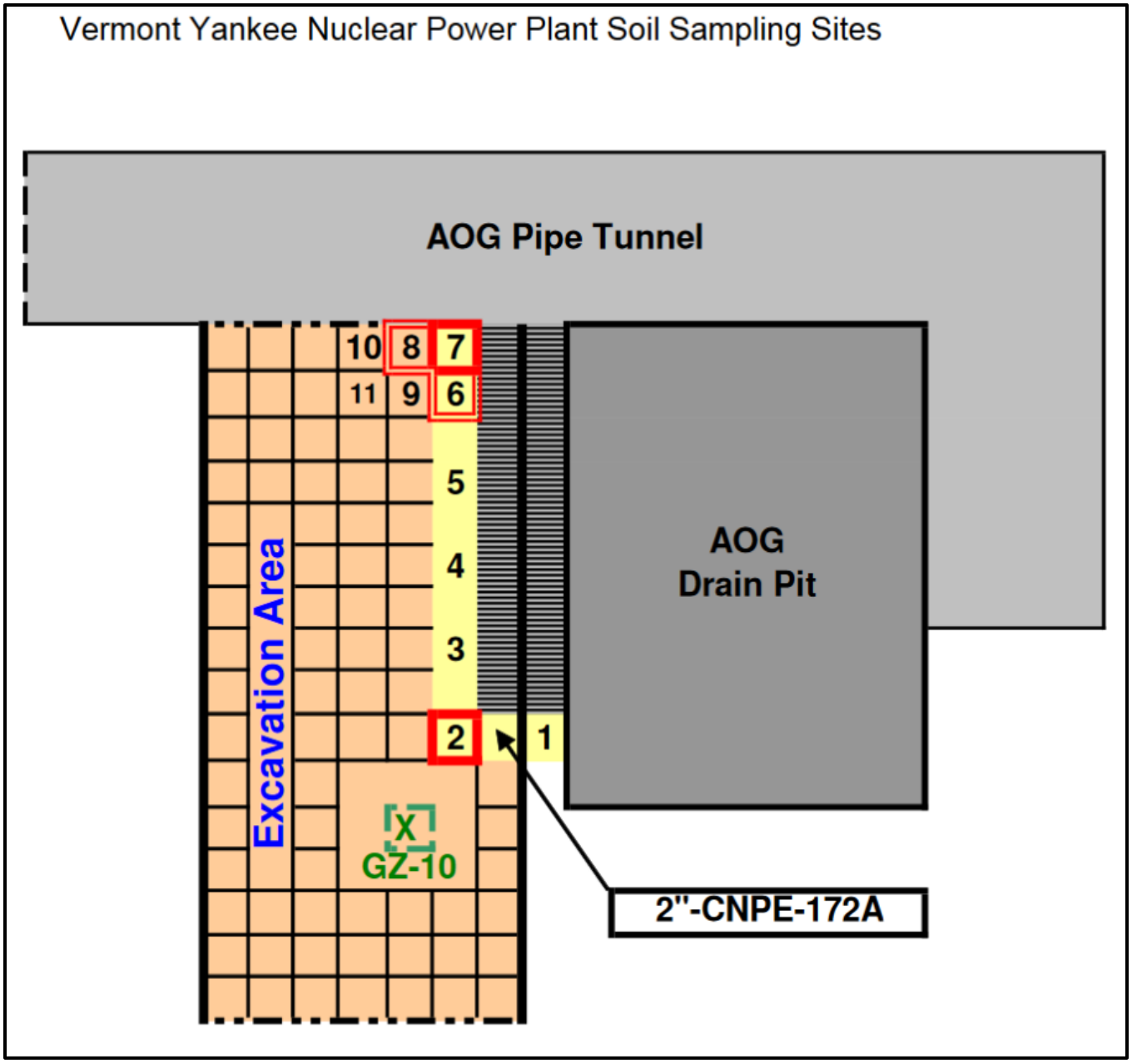


Diagram of the soil study area showing sites #1, #2 and #7, where soil samples taken have shown concentrations of Strontium-90

AOG Pipe Tunnel Excavation

The excavation images are as viewed from the north end. The piping that runs through the center of the excavation includes two emergency diesel generator fuel lines. The lines required special precautions during the excavation, as did the electrical duct for the emergency diesel generators (the concrete structure on the right). Image 2 shows workers removing soils from the excavation. Samples of these soils have been analyzed for radioactivity. Samples near the AOG pipe tunnel included radioactive metals, indicating the leakage pathway from the tunnel into the environment.