

SUMMARY OF 10 CFR 20.2002 REQUESTS FOR ONSITE DISPOSAL RECEIVED SINCE JANUARY 1, 2000

Licensee	Dates	Materials Involved	Licensee-Calculated Dose
Tennessee Valley Authority, Watts Bar Nuclear Plant	Submitted 08/26/2005; review in process	In-situ disposal of liquid effluent line until decommissioning.	0.0561 millisievert/year (mSv/yr) [5.61 millirem/year (mrem/yr)]. Dose based on screening criteria from ANSI/HPS N13.12, which includes reuse and recycle scenarios. Dose is to an intruder exposed at the time the request was submitted, though the area was still under licensee control. The licensee considered the estimate to be conservative. Doses at license termination would be much smaller, due to radioactive decay.
Vermont Yankee	Submitted 10/04/2004; approved 07/19/2005	Soil, sand, and silt from various onsite activities. Request increased previously approved volumes to 150 cubic meters (5300 cubic feet)/year. Less than 0.037 becquerel/gram (Bq/g) [1 picocurie/gram (pCi/g)] cesium (Cs)-137 and cobalt (Co)-60.	Dose to a maximally exposed member of the public less than 0.01 mSv/yr (1 mrem/yr) during active control of the site, and less than 0.05 mSv/yr (5 mrem/yr) to an inadvertent resident intruder after termination of license. Includes dose from past disposals.
Oyster Creek	Submitted 12/29/2000; approved 12/14/2001	Approximately 140,000 cubic meters (5 million cubic feet). 0.0033 Bq/g (0.088 pCi/g) of Co-60, and 0.010 Bq/g (0.27 pCi/g) of Cs-137.	Dose is less than 0.01 mSv/yr (1 mrem/yr) for a resident farmer after termination of active site control. Disposal was offsite on property the licensee owns next to the plant site; thus considered by the Staff to be similar to onsite disposal.
Vermont Yankee	Submitted 09/11/2000; approved 06/26/2001	Adds slightly contaminated soil from construction-related activities to list of previously approved materials for onsite disposal [up to 28 cubic meters (980 cubic feet)/year].	Dose to a maximally exposed member of the public less than 0.01 mSv/yr (1 mrem/yr) during active control of the site, and less than 0.05 mSv/yr (5 mrem/yr) to an inadvertent resident intruder after termination of license. Includes dose from past disposals.