

## Reactors at-risk from Dam-Induced Inundation

Screening Analysis Report for the Proposed Generic Issue on Flooding of Nuclear Power Plant Sites Following Upstream Dam Failures (July 2011) NRC Division of Risk Analysis

<b>Reactors (32)</b>	<b>Location</b>	<b>Source of Inundation Risk (Regulatory Agency)</b>
Arkansas Nuclear 1 & 2	London, AR (6 miles WNW of Russellville)	Dardanelle Dam (COE)
Beaver Valley 1 & 2	Shippingport, PA (17 miles W of McCandless)	Montgomery Lock & Dam (COE)
Browns Ferry 1, 2 & 3	Athens, AL (32 miles W of Huntsville)	Wheeler TVA)
Columbia	Richland, WA (20 miles NNE of Pasco)	Columbia River
Cooper	Brownville, NE (23 miles S of Nebraska City)	Missouri River
Fort Calhoun	Ft. Calhoun, NE (19 miles N of Omaha)	Missouri River
H.B. Robinson	Hartsville, SC (26 miles NW of Florence)	Lake Robinson (FERC)
Hope Creek	Hancocks Bridge, NJ (18 miles SE of Wilmington, DE)	Delaware River
Indian Point 2 & 3	Buchanan, NY (24 miles N of New York City)	Hudson River
McGuire 1 & 2	Huntersville, NC (17 miles N of Charlotte)	Cowans Ford (FERC)
Oconee 1, 2 & 3	Seneca, SC (30 miles W of Greenville)	Jocassee, Little River, Lake Keowee (FERC)
Peach Bottom 2 & 3	Delta, PA (17.9 miles S of Lancaster)	Conowingo (FERC)
Prairie Island 1 & 2	Welch, MN (28 miles SE of Minneapolis)	Mississippi River
Sequoyah 1 & 2	Soddy-Daisy, TN (9.5 miles NE of Chattanooga)	Chickamauga (TVA)
South Texas 1 & 2	Bay City, TX (90 miles SW of Houston)	Colorado River
Surry 1 & 2	Surry, VA (17 miles NW of Newport News)	James River
Three Mile Island	Middletown, PA (10 miles SE of Harrisburg)	Susquehanna River

Vermont Yankee	Vernon, VT (5 miles S of Brattleboro)	Vernon Lake (FERC)
Waterford	Killona, LA (25 miles W of New Orleans)	Mississippi River
Watts Bar	Spring City, TN (60 miles SW of Knoxville)	Watts Bar, Chickamauga (FERC)