

Mr. James Makris, Director
Chemical Emergency Preparedness
and Prevention Office
U.S. Environmental Protection Agency
401 M Street, SW - Mail Code 5104
Washington, DC 20460

APR - 7 1997 1

Dear Mr. Makris:

In follow up to a telecon between our staffs, I am enclosing a geospatial file of latitudes and longitudes for NRC licensed facilities. This file is in dBASE format and can be easily converted to ASCII or LandView III format.

The records contain locations for the following type of facilities: nuclear power plants; fuel cycle and material licensees with emergency plans; site decommissioning management plan sites and uranium mill sites with planned environmental justice reviews; and a high level waste facility selected for site characterization.

Nuclear power plant locations are accurate to six decimal places; all other sites are accurate to three decimal places. Where there are multiple plants at a single location, the location of the main plant that is operational is used. There are a total of 106 records; 77 of them are locations for power plants.

Rosetta Virgilio is the Office of State Programs contact for this effort. If you have any questions, she can be reached at (301) 415-2307.

Sincerely,

Original Signed By
RICHARD L. BANGART

Richard L. Bangart, Director
Office of State Programs

9704170357 970407
PDR STPRG ESGDC
PDR

Enclosure:
As stated

cc: Peter Gattuso

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*See previous concurrence.

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

April 7, 1997

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Chemical Emergency Preparedness
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U.S. Environmental Protection Agency
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Nuclear Site Locations

With the cooperation and review of several offices at NRC, the IRM/Technology Assessment staff has assembled a geospatial file of latitudes and longitudes for significant nuclear facility sites in the United States. The site file is available in ASCII format.

- [sites.txt](#), sites in ASCII format
- [documentation](#) for sites.txt
- [methodology](#) used to create site files

The site file was developed for LandView III, a public-domain GIS package that is being used in government reports on environmental justice. The file will be incorporated as a data layer in an upcoming release of Landview II. We are making it available to you, and eventually to the public, for your GIS applications.

Nuclear power plant locations are accurate to six decimal places, all other sites are accurate to three decimal places.

Special thanks go to Dick Hartfield, Phyllis Sobel, Scott Newberry, and Eric Weinstein for their help in creating this file.

If you have any comments or questions, please contact Laurie Burch in IRM/Technology Assessment at leb1@nrc.gov or 415-6819.

Last modified on March 27, 1997

README File for Nuclear Site Locations

The sites.txt file contains records for the following types of nuclear sites:

- Nuclear Power Plants
 - Fuel Cycle Licensees with Emergency Plans
 - Material Licensees with Emergency Plans
 - Site Decommissioning Management Plan Sites with Planned Environmental Justice Reviews
 - Uranium Mill Sites with Planned Environmental Justice Reviews
 - High Level Waste Facility
-

The file is an ASCII text file with one record per site, in the following fixed-length format:

Contents	No of Cols	Beginning Col	Ending Col	Description
Name	29	1	29	Facility Name
Type	20	31	50	Type of Facility
Status	22	52	73	Status (Power Plants Only)
City	15	75	89	City where Located
State	2	91	92	State where Located
Latitude	7	94	100	Latitude (deg min sec)
Longitude	7	102	108	Longitude (deg min sec)
Latitude	9	110	118	Latitude (dec deg, 6 places)
Longitude	10	120	129	Longitude (dec deg, 6 places)

If you have any questions about this file, please contact Laurie Burch in IRM/TA at leb1@nrc.gov or 415-6819.

Last modified: March 27, 1997

Nuclear Power Plants and other Selected Facilities - as of March 27, 1997

Name	Type	Status	City	In Deg/Min/Sec		In Decimal Degrees	
				ST	Lat Long	Lat	Long
ARKANSAS NUCLEAR ONE	POWER PLANT	OPERATING	RUSSELLVILLE	AR	0351336 0931351	35.226667	-93.230833
BEAVER VALLEY	POWER PLANT	OPERATING	SHIPPINGPORT	PA	0403719 0802602	40.621944	-80.433889
BELLEFONTE	POWER PLANT	DEFERRED CONSTRUCTION	HOLLYWOOD	AL	0344232 0855536	34.708889	-85.926667
BIG ROCK POINT	POWER PLANT	OPERATING	CHARLEVOIX	MI	0452133 0851141	45.359167	-85.194722
BRAIDWOOD	POWER PLANT	OPERATING	BRACEVILLE	IL	0411437 0881344	41.263611	-88.228889
BROWNS FERRY	POWER PLANT	OPERATING	DECATUR	AL	0344215 0870707	34.704167	-87.118611
BRUNSWICK	POWER PLANT	OPERATING	SOUTHPORT	NC	0335730 0780038	33.958333	-78.010556
BYRON	POWER PLANT	OPERATING	BYRON	IL	0420430 0891655	42.075000	-89.281944
CALLAWAY	POWER PLANT	OPERATING	FULTON	MO	0384530 0914654	38.758333	-91.781667
CALVERT CLIFFS	POWER PLANT	OPERATING	LUSBY	MD	0382605 0762631	38.434722	-76.441944
CATAWBA	POWER PLANT	OPERATING	YORK	SC	0350305 0810410	35.051389	-81.069444
CLINTON	POWER PLANT	OPERATING	CLINTON	IL	0401019 0885003	40.171944	-88.834167
COMANCHE PEAK	POWER PLANT	OPERATING	GLEN ROSE	TX	0321752 0974706	32.297778	-97.785000
COOK	POWER PLANT	OPERATING	BRIDGMAN	MI	0415834 0863359	41.976111	-86.566389
COOPER STATION	POWER PLANT	OPERATING	BROWNSVILLE	NE	0402143 0953828	40.361944	-95.641111
CRYSTAL RIVER	POWER PLANT	OPERATING	CRYSTAL RIVER	FL	0285726 0824156	28.957222	-82.698889
DAVIS-BESSE	POWER PLANT	OPERATING	OAK HARBOR	OH	0413550 0830511	41.597222	-83.086389
DIABLO CANYON	POWER PLANT	OPERATING	AVILA BEACH	CA	0351242 1205116	35.211667	-120.854444
DRESDEN	POWER PLANT	OPERATING	MORRIS	IL	0412323 0881616	41.389722	-88.271111
DUANE ARNOLD	POWER PLANT	OPERATING	PALO	IA	0420602 0914638	42.100556	-91.777222
FARLEY	POWER PLANT	OPERATING	ASHFORD	AL	0311322 0850645	31.222778	-85.112500
FERMI	POWER PLANT	OPERATING	NEWPORT	MI	0415748 0831531	41.963333	-83.258611
FITZPATRICK	POWER PLANT	OPERATING	LYCOMING	NY	0433126 0762354	43.523889	-76.398333
FORT CALHOUN	POWER PLANT	OPERATING	FORT CALHOUN	NE	0413115 0960436	41.520833	-96.076667
FT ST VRAIN NUCLEAR PLANT	POWER PLANT	SHUT DOWN	PLATTEVILLE	CO	0401440 1045227	40.244444	-104.87417
GE VALLECITOS	POWER PLANT	SHUT DOWN	UNKNOWN	CA	0373100 1214830	37.516667	-121.80833
GINNA	POWER PLANT	OPERATING	ONTARIO	NY	0431690 0771832	43.291667	-77.308889
GRAND GULF	POWER PLANT	OPERATING	PORT GIBSON	MS	0320027 0910253	32.007500	-91.048056
HADDAM NECK	POWER PLANT	OPERATING	HARTFORD	CT	0412855 0722957	41.481944	-72.499167
HARRIS	POWER PLANT	OPERATING	RALEIGH	NC	0353800 0785722	35.633333	-78.956111
HATCH	POWER PLANT	OPERATING	BAXLEY	GA	0315603 0822040	31.934167	-82.344444
HOPE CREEK	POWER PLANT	OPERATING	HANCOCK'S BRIDGE	NJ	0392804 0753217	39.467778	-75.538056
HUMBOLDT BAY	POWER PLANT	SHUT DOWN	SAN FRANCISCO	CA	0404431 12412 0	40.741944	-124.20000
INDIAN POINT	POWER PLANT	OPERATING	BUCHANAN	NY	0411617 0735709	41.271389	-73.952500
KEWAUNEE	POWER PLANT	OPERATING	KEWAUNEE	WI	0442035 0873210	44.343056	-87.536111
LA CROSSE	POWER PLANT	SHUT DOWN	LACROSSE	WI	0433336 0911342	43.560000	-91.228333
LASALLE	POWER PLANT	OPERATING	MARSEILLES	IL	0411438 0884015	41.243889	-88.670833
LIMERICK	POWER PLANT	OPERATING	PHILADELPHIA	PA	0401312 0753524	40.220000	-75.590000
MAINE YANKEE	POWER PLANT	OPERATING	WISCASSET	ME	0435702 0694146	43.950556	-69.696111
MCGUIRE	POWER PLANT	OPERATING	CORNELIUS	NC	0352556 0805654	35.432222	-80.948333
MILLSTONE	POWER PLANT	OPERATING	WATERFORD	CT	0411831 0721005	41.308611	-72.168056
MONTICELLO	POWER PLANT	OPERATING	MONTICELLO	MN	0452000 0935054	45.333333	-93.848333
NINE MILE POINT	POWER PLANT	OPERATING	LYCOMING	NY	0433120 0762436	43.522222	-76.410000
NORTH ANNA	POWER PLANT	OPERATING	RICHMOND	VA	0380339 0774726	38.060833	-77.790556
OCONEE	POWER PLANT	OPERATING	SENECA	SC	0344730 0825355	34.791667	-82.898611
OYSTER CREEK	POWER PLANT	OPERATING	FORKED RIVER	NJ	0394851 0741223	39.814167	-74.206389

PALISADES	POWER PLANT	OPERATING
PALO VERDE	POWER PLANT	OPERATING
PEACH BOTTOM	POWER PLANT	OPERATING
PERRY	POWER PLANT	OPERATING
PILGRIM	POWER PLANT	OPERATING
POINT BEACH	POWER PLANT	OPERATING
PRAIRIE ISLAND STATION	POWER PLANT	OPERATING
QUAD CITIES	POWER PLANT	OPERATING
RANCHO SECO	POWER PLANT	SHUT DOWN
RIVER BEND STATION	POWER PLANT	OPERATING
ROBINSON	POWER PLANT	OPERATING
SALEM	POWER PLANT	OPERATING
SAN ONOFRE	POWER PLANT	OPERATING
SEABROOK	POWER PLANT	OPERATING
SEQUOYAH	POWER PLANT	OPERATING
SOUTH TEXAS PROJECT	POWER PLANT	OPERATING
ST LUCIE	POWER PLANT	OPERATING
SUMMER	POWER PLANT	OPERATING
SURRY	POWER PLANT	OPERATING
SUSQUEHANNA	POWER PLANT	OPERATING
THREE MILE ISLAND	POWER PLANT	OPERATING
TROJAN	POWER PLANT	OPERATING
TURKEY POINT	POWER PLANT	OPERATING
VERMONT YANKEE	POWER PLANT	OPERATING
VOGTLE	POWER PLANT	OPERATING
WATERFORD	POWER PLANT	OPERATING
WATTS BAR	POWER PLANT	OPERATING
WNP	POWER PLANT	OPERATING
WOLF CREEK STATION	POWER PLANT	OPERATING
YANKEE-ROWE	POWER PLANT	SHUT DOWN
ZION	POWER PLANT	OPERATING
ALLIED-SIGNAL, INC.	FUEL CYCLE LICENSEE	
BABCOCK AND WILCOX CO.	FUEL CYCLE LICENSEE	
COMBUSTION ENGINEERING	FUEL CYCLE LICENSEE	
GENERAL ATOMICS	FUEL CYCLE LICENSEE	
GENERAL ELECTRIC CO	FUEL CYCLE LICENSEE	
NUCLEAR FUEL SERVICES	FUEL CYCLE LICENSEE	
SIEMENS POWER CORP	FUEL CYCLE LICENSEE	
WESTINGHOUSE ELECTRIC CORP	FUEL CYCLE LICENSEE	
ADVANCED MEDICAL SYSTEMS	MATERIAL LICENSEE	
DUPONT MERCK PHARMACEUTICAL	MATERIAL LICENSEE	
E. I. DUPONT DE NEMOURS & CO	MATERIAL LICENSEE	
E.R. SQUIBB AND SONS, INC	MATERIAL LICENSEE	
GENERAL ELECTRIC CO	MATERIAL LICENSEE	
MALLINCKRODT, INC	MATERIAL LICENSEE	
SAFETY LIGHT CORP	MATERIAL LICENSEE	
U.S. ENRICHMENT CORP	MATERIAL LICENSEE	
U.S. ENRICHMENT CORP	MATERIAL LICENSEE	
CABOT	SITE DECOMMISSIONING	
JEFFERSON PROVING GROUND	SITE DECOMMISSIONING	
PARKS TOWNSHIP	SITE DECOMMISSIONING	

COVERT	MI	0421920	0861855	42.322222	-86.315278
WINTERSBURG	AZ	0332323	1125143	33.389722	-112.86194
PHILADELPHIA	PA	0394532	0761609	39.758889	-76.269167
PERRY	OH	0414804	0810836	41.801111	-81.143333
PLYMOUTH	MA	0415640	0703446	41.944444	-70.579644
TWO RIVERS	WI	0441651	0873210	44.280833	-87.536111
WELCH	MN	0443710	0923759	44.619444	-92.633056
CORDOVA	IL	0414334	0901836	41.726111	-90.310000
HERALD	CA	0382046	1210708	38.346111	-121.11889
ST FRANCISVILLE	LA	0304526	0911954	30.757222	-91.331667
HARTSVILLE	SC	0342419	0800931	34.405278	-80.158611
HANCOCKS BRIDGE	NJ	0392746	0753209	39.462778	-75.535833
SAN CLEMENTE	CA	0332213	1173325	33.370278	-117.55694
MANCHESTER	NH	0425353	0705105	42.898056	-70.851389
SODDY-DAISY	TN	0351324	0850516	35.223333	-85.087778
WADSWORTH	TX	0284742	0960253	28.795000	-96.048056
JENSEN BEACH	FL	0272055	0801447	27.348611	-80.246389
JENKINSVILLE,	SC	0341745	0811913	34.295833	-81.320278
SURRY	VA	0370956	0764154	37.165556	-76.698333
ALLENTOWN	PA	0410530	0760855	41.091667	-76.148611
MIDDLETOWN	PA	0400911	0764330	40.153056	-76.725000
RAVIER	OR	0460227	1225304	46.040833	-122.88444
MIAMI	FL	0252606	0801953	25.435000	-80.331389
VERNON	VT	0424649	0723057	42.780278	-72.515833
WAYNESBORO	GA	0330831	0814553	33.141944	-81.764722
KILLONA	LA	0295942	0902816	29.995000	-90.471111
SPRING CITY	TN	0353610	0844725	35.602778	-84.790278
RICHLAND	WA	0462817	1191959	46.471389	-119.33306
BURLINGTON	KS	0381420	0954120	38.238889	-95.688889
ROWE	MA	0424341	0725529	42.728056	-72.924722
ZION	IL	0422644	0874808	42.445556	-87.802222
METROPOLIS	IL	0371019	0884522	0.000000	0.000000
LYNCHBURG	VA	0372458	0790401	0.000000	0.000000
HEMATITE	MO	0381232	0902830	0.000000	0.000000
SAN DIEGO	CA	0325338	1171359	0.000000	0.000000
WILMINGTON	NC	0341919	0775555	0.000000	0.000000
ERWIN	TN	0360737	0822602	0.000000	0.000000
RICHLAND	WA	0462056	1191756	0.000000	0.000000
COLUMBIA	SC	0335248	0805512	0.000000	0.000000
CLEVELAND	OH	0413318	0813343	0.000000	0.000000
BILLERICA	MA	0423307	0711818	0.000000	0.000000
BOSTON	MA	0422013	0710405	0.000000	0.000000
NEW BRUNSWICK	NJ	0402805	0742620	0.000000	0.000000
MORRIS	IL	0412255	0881634	0.000000	0.000000
MARYLAND HGTS	MO	0384240	0902519	0.000000	0.000000
BLOOMSBURG	PA	0410058	0762223	0.000000	0.000000
PADUCAH	KY	0370705	0884843	0.000000	0.000000
PIKETON	OH	0390036	0830000	0.000000	0.000000
READING	PA	0402028	0765642	0.000000	0.000000
MADISON	IN	0385248	0852512	0.000000	0.000000
KISKIMERE	PA	0403723	0793448	0.000000	0.000000

RMI TITANIUM	SITE DECOMMISSIONING	ASHTABULA	OH 0415324	0804641	0.000000	0.000000
SEQUOIAN FUEL CO	SITE DECOMMISSIONING	GORE	OK 0353007	0950455	0.000000	0.000000
SHIELDALLOY	SITE DECOMMISSIONING	CAMBRIDGE	OH 0395917	0813347	0.000000	0.000000
SHIELDALLOY	SITE DECOMMISSIONING	NEWFIELD	NJ 0393238	0750126	0.000000	0.000000
WEST VALLEY	SITE DECOMMISSIONING	WEST VALLEY	NY 0422649	0783907	0.000000	0.000000
WOOD RIVER JUNCTION	SITE DECOMMISSIONING	WOOD RIVER JUNC	RI 0412559	0714102	0.000000	0.000000
ATLAS CORP	URANIUM MILL SITE	MOAB	UT 0383600	1093542	0.000000	0.000000
CROMPOINT PROCESSING PLANT	URANIUM MILL SITE	CROMPOINT	NM 0354102	1080954	0.000000	0.000000
YUCCA MOUNTAIN	HIGH LEVEL WASTE	YUCCA MOUNTAIN	NV 0364959	1163000	0.000000	0.000000