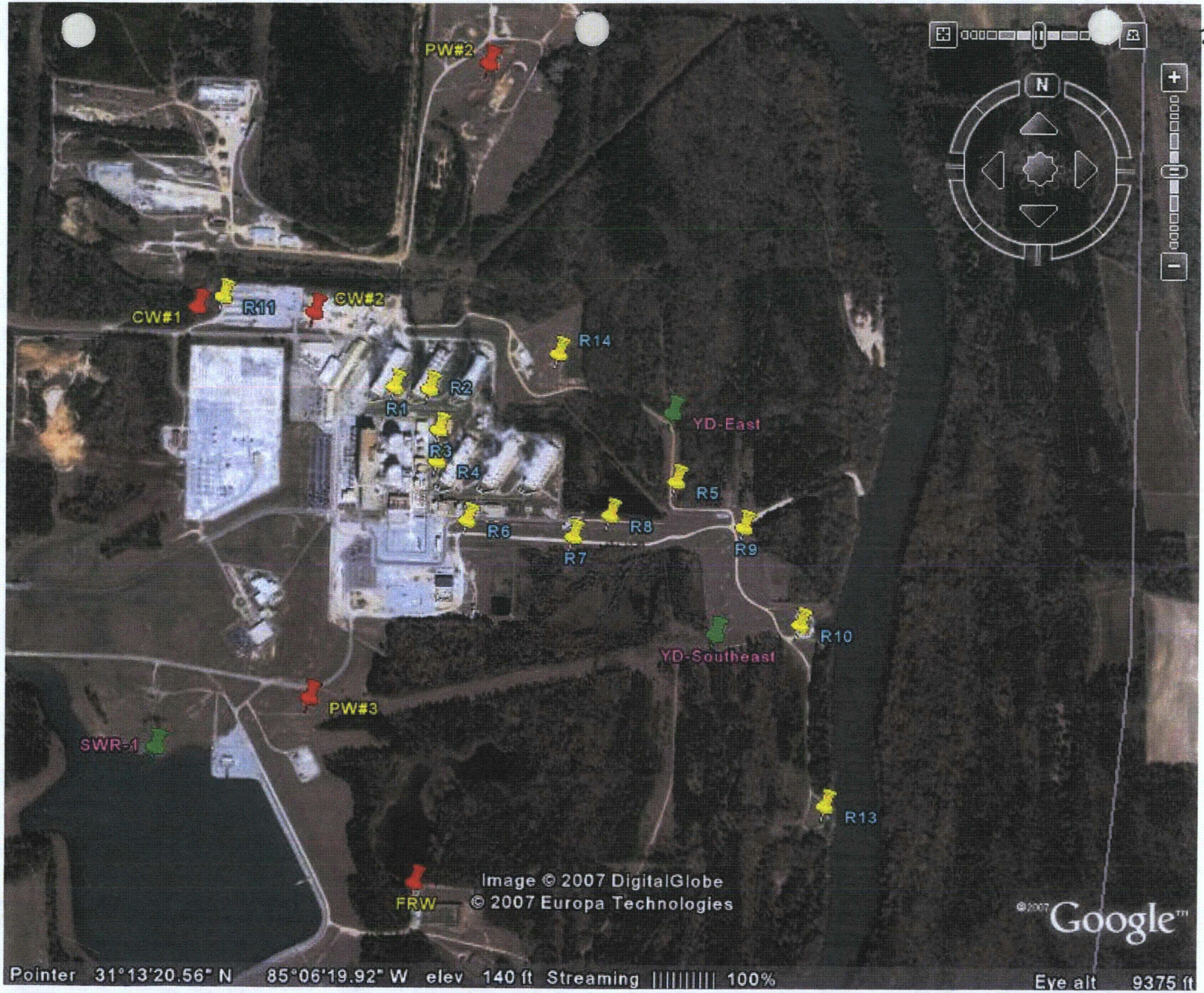
PW#2
CW#1
R11
CW#2
R14
R1
R2
R3
R4
YD-East
R5
R6
R7
R8
R9
R10
YD-Southeast
PW#3
SWR-1
R13
FRW
Image © 2007 DigitalGlobe
© 2007 Europa Technologies
Google
Pointer 31°13'20.56" N 85°06'19.92" W elev 140 ft Streaming 100%
Eye alt 9375 ft

Farley

Table 1

List of Radionuclide Monitoring Wells/Stations, Aquifer, Status and Purpose

Sample Point	Aquifer	Location/ Coordinates	Monitoring Purpose
Monitoring Well R1	Major Shallow aquifer	N 31°13.471' W 85°06.705'	NSCW Circulation Pipe
Monitoring Well R2	Major Shallow aquifer	N 31°13.470' W 85°06.645'	NSCW Circulation Pipe
Monitoring Well R3	Major Shallow aquifer	N 31°13.410' W 85°06.627'	NSCW Tanks
Monitoring Well R4	Major Shallow aquifer	N 31°13.363' W 85°06.628'	NSCW Tanks
Monitoring Well R5	Major Shallow aquifer	N 31°13.343' W 85°06.216'	NSCW Circulation Pipe
Monitoring Well R6	Major Shallow aquifer	N 31°13.278' W 85°06.574'	NSCW Circulation Pipe
Monitoring Well R7	Major Shallow aquifer	N 31°13.255' W 85°06.438'	Dilution line
Monitoring Well R8	Major Shallow aquifer	N 31°13.291' W 85°06.329'	Dilution line
Monitoring Well R9	Major Shallow aquifer	N 31°13.279' W 85°06.097'	Dilution line
Monitoring Well R10	Major Shallow aquifer	N 31°13.139' W 85°05.996'	Dilution line
Monitoring Well R11	Major Shallow aquifer	N 31°13.595' W 85°07.002'	Background 1
Monitoring Well R13	Major Shallow aquifer	N 31°12.873' W 85°05.944'	Dilution line
Monitoring Well R14	Major Shallow aquifer	N 31°13.526' W 85°06.427'	Background
PW#2		N 31°13.945' W 85°06.557'	Production Well #2 supply
PW#3		N 31°13.012' W 85°06.837'	Production Well #3 supply
CW#1		N 31°13.568' W 85°07.041'	Construction Well West supply
CW#2		N 31°13.574' W 85°06.845'	Construction Well East supply
FRW		N 31°12.746' W 85°06.648'	Firing Range Well supply
SW-1	N/A	N/A	Background 3 (Service Water Pond)
East YD	N/A	N 31°13.444' W 85°06.224'	Plant outfall (East Yard Drain)
SE YD	N/A	N 31°13.119' W 85°06.139'	Plant outfall (Southeast Yard Drain)

NSCW – Nuclear service cooling water.

GROUND WATER

TRITIUM
pCi/L

SAMPLE PERIOD	R-1	R-2	R-3	R-4	R-5	R-6	R-7	R-8	R-9	R-10	R-11	R-13	R-14
Tritium	pCi/l	pCi/l	pCi/l	pCi/l	pCi/l	pCi/l	pCi/l	pCi/l	pCi/l	pCi/l	pCi/l	pCi/l	pCi/l
September-07	231	<313	2050	N/I	<307	232	N/I	<352	<311	<235	<349	334	258
November-08	<192	<193	2150	<188	<192	<191	<190	<194	<194	<193	<190	<192	<198
March-08	<189	399	3220	320	<185	<187	<186	<187	<206	<188	<187	<185	<252
June-08	<261	<257	4340	187	274	<186	263	281	326	209	<243	<187	416
September-08	<414	<218	5430	<409	277	<402	<220	<220	<229	<259	<186	<186	<303

N/I NOT INSTALLED
OOS OUT OF SERVICE