

# TWO INCH WELL LIQUID SAMPLING & PACKING LIST

FORM NO.: ROF-06-007-1  
 REVISION: 1  
 PAGE: 1 OF 1  
 EFFECTIVE DATE: 12-16-96

*R2-1354*

VENDOR: \_\_\_\_\_ Month: \_\_\_\_\_ Year: \_\_\_\_\_

From: Westinghouse Electric Corporation, CNFD  
 P.O. DRAWER  
 COLUMBIA, S.C.29205

NOTE: Filter each sample prior to radiological analysis. Acidify the sample following filtration. If G.A. > 15 pCi/l perform Isotopic Uranium. If G.B. > 50 pCi/l perform Beta Isotope scan.

SAMPLE	NO.	MLS	GROSS ALPHA	GROSS BETA		ISOTOPIC URANIUM	OTHER
WELL	3A						
WELL	7						
WELL	10						
WELL	13						
WELL	14						
WELL	15						
WELL	16						
WELL	18						
WELL	19						
WELL	20						
WELL	22						
WELL	23						
WELL	24						
WELL	26						
WELL	27						
<del>WELL</del>	<del>28</del>						
WELL	29						
WELL	30						
WELL	32						
WELL	33						
WELL	37						
WELL	38						

Technician: \_\_\_\_\_

Date: \_\_\_\_\_

*C-34*

TABLE OF WATER QUALITY DATA  
WELL 23

DATE	pH	NH3	NO3	F	CONDUCTIVITY	Microcuries/ml E-06 GA	GB
06/03/80							
06/23/80							
07/09/80	6.3	1.0		0.2			
09/11/80	6.3	1.0		0.2			
11/03/80	5.9	1.0		0.5			
11/11/80							
01/23/81	6.0	2.0		1.0		0.013	
05/12/81	5.9	1.0		0.2		0.012	0.010
09/10/81	6.7			0.6			
11/15/81	5.5	1.0		1.0			
01/20/82	5.6	1.0		0.5		0.008	0.004
06/09/82	5.7	1.0		0.1	14		
09/21/82	6.8	1.0		0.5			
12/19/82	5.4	1.0		0.5			
04/15/83						0.002	0.004
09/25/83	5.6	1.0		1.0	10		
12/12/83	6.1	30.0		0.8	120		
05/27/84							
10/24/84	7.0	8.4		0.1	120	0.000	0.000
12/22/84	6.1			0.5	120		
03/28/85							
06/27/85	5.7	1.0	4.0	1.0		0.080	0.057
09/08/85	5.9	1.0	4.2	1.0		0.020	0.012
12/08/85	5.6	1.0	4.3	1.4	120	0.010	0.012
03/25/86	5.6	1.0	5.0	1.3	120	0.000	0.000
06/21/86	5.7	1.0	9.5	1.9	185	0.015	0.020
09/12/86	6.4	1.0	2.4	1.0	124	0.048	0.034
12/18/86	5.7	62.0	4.0	16.0	1600	0.002	0.007
03/31/87	5.7	1.1	2.4	1.0	77	0.151	0.040
06/26/87	6.0	2.2	0.1	1.0	225	0.059	0.022
09/30/87	5.9	1.0	4.3	1.0	100	0.036	0.053
12/11/87	5.4	1.1	2.3	1.0	90	0.168	0.078
03/24/88	5.4	1.0	11.3	1.0	58	0.036	0.029
06/28/88	5.4	1.0	2.6	1.0	58	0.099	0.047
09/30/88	5.7	7.0	1.8	1.0	172	0.063	0.037
12/30/88	6.2	1.7	16.2	1.0	122	0.192	0.220
02/27/89	6.0	1.0	1.1	1.0	180	0.114	0.049
06/29/89	6.2	1.0	6.0	1.0	133	0.003	0.005
09/20/89	6.7	1.0	2.5	1.0	130	0.083	0.071
12/30/89	7.1	1.0	7.0	1.0	92	0.072	0.082
03/30/90	7.1	1.0	3.0	1.0	92	0.030	0.041
06/30/90	6.3	1.0	3.0	1.0	150	0.002	0.003
09/30/90	5.9	1.0	0.3	1.0	130	0.016	0.013
12/23/90	6.3	1.0	2.5	1.0	81	0.013	0.013
03/28/91	6.0	1.0	6.7	1.0	86	0.014	0.007
06/20/91	6.5	1.0	3.2	1.2	100	0.004	0.003
09/30/91	6.4	1.0	2.3	1.0	100	0.010	0.011
12/20/91	6.5	1.0	4.0	1.0	140	0.002	0.003
03/30/92	5.6	1.0	9.0	1.0	80	0.002	0.010
06/25/92	5.9	1.0	3.6	1.0	110	0.013	0.007
09/30/92						0.002	0.019
12/15/92	5.9	1.0	3.8	1.0	97		
03/31/93	NA						
06/11/93	6.0	1.0	6.1	1.0	160	0.002	0.003
09/28/93	5.9	1.0	4.5	1.0	380	0.008	0.031
12/13/93	7.8	1.0	0.1	1.0	180	0.013	0.010
03/31/94	6.0	1.0	2.9	1.0	120	0.012	0.010
06/29/94	5.6	1.0	3.8	1.0	98	0.042	0.023
09/28/94	5.5	1.0	2.6	1.0	95	0.018	0.009
12/29/94	5.4	1.0	2.8	1.0	80	0.002	0.003
03/30/95	5.7	1.0	5.8	1.0	80	0.007	0.003
06/29/95	5.6	1.0	3.2	1.0	140	0.038	0.008
09/29/95	5.6	1.0	3.7	1.0	110	0.088	0.026
12/30/95	5.6	1.0	2.9	1.0	70	0.051	0.014
03/30/96	5.9	1.0	9.1	1.0	120	0.117	0.025
06/30/96	6.0	1.0	4.8	1.0	160	0.008	0.008

AVG

0.0375

0.025447

TABLE OF WATER QUALITY DATA  
WELL 20

*Babney*

DATE	pH	NH3	NO3	F	CONDUCTIVITY	Microcuries/ml E-06 GA	GB
06/03/80							
06/23/80							
07/09/80	6.2	1.0		0.2			
09/11/80							
11/03/80	5.7	1.0		0.5		0.000	
11/11/80							
01/23/81	6.0	1.0		1.0		0.000	
05/12/81	5.7	1.0		0.2		0.002	0.003
09/10/81	5.9	1.0		0.5			
11/15/81	5.4	1.0		0.5			
01/20/82							
06/09/82	5.6	2.0		0.1	20		
09/21/82	5.4	1.0		0.5			
12/19/82							
04/15/83							
09/25/83	5.6	1.0		1.0	150		
12/12/83							
05/27/84	6.2	115.0		2.0	140		
10/24/84	8.0	2.8	128.0	0.1	170	0.000	0.000
12/22/84	6.4			0.5	120		
03/28/85							
06/27/85			3.7			0.002	0.004
09/08/85	5.8	1.0		1.0			
12/08/85	5.8	1.0	3.7	1.4	190	0.010	0.006
03/25/86	5.6	1.0	4.1	1.0	650	0.005	0.004
06/21/86	5.8	1.0	3.2	1.6	170	0.024	0.019
09/12/86	5.6	1.0	3.0	1.0	650	0.002	0.005
12/18/86	5.6	1.0	1.0	1.0	170	0.004	0.004
03/31/87	5.5	1.0	1.0	7.0	740	0.009	0.003
06/26/87	5.7	1.0	2.4	1.0	160	0.006	0.004
09/30/87	6.8	43.0	0.1	1.0	1400	0.028	0.031
12/11/87	6.6	6.7	1.0	1.0	190	0.002	0.010
03/24/88	6.8	1.0	1.0	6.5	1210	0.006	0.003
06/28/88							
09/30/88							
12/30/88	7.3	1.0	1.0	1.4	142	0.002	0.021
02/27/89						0.002	0.008
06/29/89						0.003	0.006
09/20/89						0.011	0.005
12/30/89	7.1	1.0	1.0	1.0	160	0.004	0.006
03/30/90	7.1	1.0	2.0	1.0	160	0.003	0.004
06/30/90	5.9	1.0	3.0	1.0	160	0.005	0.012
09/30/90	6.4	1.0	0.4	1.0	160	0.005	0.007
12/23/90	7.8	1.0	0.1	1.0	186	0.002	0.003
03/28/91	5.5	1.0	4.8	1.4	220	0.002	0.004
06/20/91	7.1	1.0	6.0	1.4	1320	0.003	0.003
09/30/91	6.7	1.0	3.4	1.0	170	0.002	0.003
12/20/91	7.1	1.0	6.0	1.0	140	0.002	0.003
03/30/92	5.6	1.0	10.6	1.0	80	0.002	0.019
06/25/92	5.4	1.0	8.7	1.0	180	0.002	0.003
09/30/92						0.002	0.019
12/15/92	NA						
03/31/93	NA						
06/11/93	5.8	1.0	0.3	1.0	160	0.002	0.005
09/28/93	5.9	1.0	4.9	1.0	140	0.006	0.014
12/13/93	6.9	1.0	7.4	1.0	170	0.027	0.032
03/31/94	6.0	1.0	2.9	1.0	120	0.019	0.025
06/29/94	5.6	1.0	7.2	1.0	170	0.006	0.010
09/28/94	5.6	1.0	7.0	1.0	160	0.002	0.003
12/29/94	5.7	1.0	5.9	1.0	150	0.002	0.003
03/30/95	5.7	1.0	7.1	3.6	165	0.005	0.003
06/29/95	5.3	1.0	5.3	1.0	170	0.002	0.003
09/29/95	6.5	1.0	2.1	1.0	190	0.002	0.003
12/30/95	6.5	1.0	5.0	1.0	180	0.002	0.003
03/30/96	6.6	1.0	5.6	1.0	180	0.002	0.003
06/30/96	5.5	1.0	3.1	1.0	150	0.003	0.003

avg

0.005

0.008