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MPC&D 07-049

May 31, 2007

U.S. Nuclear Regulatory Commission
Attn.: Document Control Desk
Washington, DC 20555

Docket No. 50-312
Rancho Seco Nuclear Generating Station
License No. DPR-54
NOTIFICATION OF SURVEY UNIT RE-CLASSIFICATION

Attention: John Hickman

In accordance with Section 1.6 of the Rancho Seco License Termination Plan (LTP), we are notifying the NRC of our intent to revise Table 5-4D of the LTP to correct the survey unit classification and surface area for the cooling tower basins.

In the original submittal of the Rancho Seco LTP, there were two survey areas listed in Table 5-4 for the Cooling Towers. Table 5-4C listed survey unit 808003 as the "Cooling Tower Basin Buffer" as a Class 2 survey based on the results of characterization surveys which indicated mean pavement gross activity levels of 2,894 dpm/100 cm^2 and a maximum gross activity of 14,025 dpm/100 cm^2.

Table 5-4D listed survey unit 808001 as the "East/West Cooling Tower Basins" with a Class 2 designation based conservatively on the results of characterization surveys which indicated mean gross activity levels of 4,952 dpm/100 cm^2 and a maximum gross activity of 6,289 dpm/100 cm^2 measured in the intake area of the cooling towers. As shown in Attachment 1, locations C001BD through C030BD provide the gross count rate data for the east basin, locations C031BD through C060BD provide the gross count rate data for the west basin, locations A061BD through A090BD provide the gross count rate data for the buffer, and locations C091BD through C120BD provide the gross count rate data for the intake area.

The classifications expressed in the LTP were conservatively based on the maximum values for any component of the survey unit. The Class 2 designation for both survey areas was consistent with the Rancho Seco Final Survey Classification Basis document (DTBD 06-001) in that the maximum activity levels were greater than 10% of the structure DCGL of 43,000 dpm/100 cm^2.

NMSS01
NRC/FSME

When the characterization surveys were conducted on the Cooling Tower Basins, sixty direct beta surface measurements of the concrete basins were made with an average gross activity level of 2,593 dpm/100 cm^2 and a maximum of 3,533 dpm/100 cm^2 (Attachment 1). The classification for the east and west basins met the criterion for a Class 3 survey unit since both the mean and maximum values were less than 10% of the DCGL as indicated in Table 5-C of DTBD 06-001, Revision 1, page 104 of 105 (Attachment 2). This additional classification should have been added to Table 5-4D for survey unit 808001, "East/West Cooling Tower Basins" along with the Class 2 designation in Revision 0 of the LTP.

The characterization data for the basins was contained in the Classification Basis documents but was unintentionally omitted from Table 5-4D. The Cooling Tower Basins are large concrete structures of approximately 7950 m^2 each and the reported surface area of 189 m^2 listed in Table 5-4D clearly didn't include the basins. Attachment 3 is a revised Table 5-4D with the correct classification and surface area for the Cooling Tower Basins[1].

Although this change to Table 5-4D simply updates information that was initially omitted, we are providing this notification in accordance with LTP Section 1.6, which requires NRC notification at least 14 days before implementing any "re-classification."

Members of your staff with questions requiring additional information or clarification may contact Bob Jones at (916) 732-4843.

Sincerely,

Michael J Bua For SJR

Steve Redeker
Manager, Plant Closure & Decommissioning

Attachment

Cc w/ attachment: B.S. Mallett, NRC, Region IV

[1] The updated Table 5-4D will be included in Revision 1 of the LTP.

Attachment 1

Cooling Tower Basin Characterization Survey Data

Direct Measurement Statistics Group 1

EAST COOLING TWR BASIN

Count	Mean	Minimum	Maximum	Std. Deviation
32	477 2593	402	550 2990	46

Direct Measurement Statistics Group 2

WEST COOLING TWR BASIN

Count	Mean	Minimum	Maximum	Std. Deviation
30	410 2229	318	650 3533	93

Direct Measurement Statistics Group 3

ROADWAY AROUND BASINS

Count	Mean	Minimum	Maximum	Std. Deviation
30	1461 7942	439	11882 64,590	2371 12889

BKG

Direct Measurement Statistics Group 4

INTAKE

Count	Mean	Minimum	Maximum	Std. Deviation
30	911 4952	645	1157 6289	126 685

AreaBkg/Pre/Post Checks

Location	Date/Time	2350-1 SN	Detector	Detector SN	Cal. Due	Log Mode	Log No.	Count Time	Log Value
BKG01	11/22/2005 8:22:00 AM	189089	43-68B	190293	1/11/2006	log scalar	4	60	295 CPM
BKG02	11/22/2005 10:26:00 AM	189089	43-68B	190293	1/11/2006	log scalar	26	60	815 CPM
BKG03	11/22/2005 10:36:00 AM	189089	43-68B	190293	1/11/2006	log scalar	29	60	1398 CPM
BKG04	11/22/2005 10:54:00 AM	189089	43-68B	190293	1/11/2006	log scalar	32	60	9302 CPM
BKG05	11/22/2005 12:52:00 PM	189089	43-68B	190293	1/11/2006	log scalar	38	60	904 CPM
BKG06	11/22/2005 3:04:00 PM	189089	43-68B	190293	1/11/2006	log scalar	65	60	781 CPM
BKG07	11/23/2005 8:32:00 AM	189089	43-68B	190293	1/11/2006	log scalar	10	60	349 CPM
BKG08	12/14/2005 8:30:00 AM	193700	43-68B	160691	4/17/2006	log scalar	4	60	225 CPM
Location	**Date/Time**	**2350-1 SN**	**Detector**	**Detector SN**	**Cal. Due**	**Log Mode**	**Log No.**	**Count Time**	**Log Value**
PREBKG	11/22/2005 8:02:00 AM	189089	43-68B	190293	1/11/2006	log scalar	0	300	271 CPM
PRESCHK	11/22/2005 8:04:00 AM	189089	43-68B	190293	1/11/2006	log scalar	1	60	3655 CPM
PRESCHK	11/22/2005 8:05:00 AM	189089	43-68B	190293	1/11/2006	log scalar	2	60	3884 CPM
PRESCHK	11/22/2005 8:07:00 AM	189089	43-68B	190293	1/11/2006	log scalar	3	60	3695 CPM
PREBKG	11/23/2005 7:08:00 AM	189089	43-68B	190293	1/11/2006	log scalar	0	300	309 CPM
PRESCHK	11/23/2005 7:11:00 AM	189089	43-68B	190293	1/11/2006	log scalar	1	60	3399 CPM
PRESCHK	11/23/2005 7:14:00 AM	189089	43-68B	190293	1/11/2006	log scalar	2	60	3836 CPM
PRESCHK	11/23/2005 7:17:00 AM	189089	43-68B	190293	1/11/2006	log scalar	3	60	3665 CPM

Rancho Seco Decommissioning

Characterization Summary Report

SUID: CC808 0000

Location	Date/Time	2350-1 SN	Detector	Detector SN	Cal. Due	[L6]	Log Mode	Log No.	Count Time	Alarm	Log Value
C001BD	11/23/2005 7:47:00 AM	189089	43-68B	190293	1/11/2006		log scalar	4	60		421 CPM
C002BD	11/23/2005 7:50:00 AM	189089	43-68B	190293	1/11/2006		log scalar	5	60		514 CPM
C003BD	11/23/2005 7:52:00 AM	189089	43-68B	190293	1/11/2006		log scalar	6	60		468 CPM
C004BD	11/23/2005 7:53:00 AM	189089	43-68B	190293	1/11/2006		log scalar	7	60		429 CPM
C005BD	11/23/2005 7:56:00 AM	189089	43-68B	190293	1/11/2006		log scalar	8	60		492 CPM
C006BD	11/23/2005 7:57:00 AM	189089	43-68B	190293	1/11/2006		log scalar	9	60		443 CPM
C007BD	11/23/2005 8:34:00 AM	189089	43-68B	190293	1/11/2006		log scalar	11	60		450 CPM
C007BD	11/23/2005 8:36:00 AM	189089	43-68B	190293	1/11/2006		log scalar	12	60		441 CPM
C008BD	11/23/2005 9:56:00 AM	189089	43-68B	190293	1/11/2006		log scalar	13	60		433 CPM
C009BD	11/23/2005 9:58:00 AM	189089	43-68B	190293	1/11/2006		log scalar	14	60		453 CPM
C010BD	11/23/2005 10:00:00 AM	189089	43-68B	190293	1/11/2006		log scalar	15	60		402 CPM
C011BD	11/23/2005 10:03:00 AM	189089	43-68B	190293	1/11/2006		log scalar	16	60		438 CPM
C012BD	11/23/2005 10:05:00 AM	189089	43-68B	190293	1/11/2006		log scalar	17	60		402 CPM
C013BD	11/23/2005 10:09:00 AM	189089	43-68B	190293	1/11/2006		log scalar	18	60		440 CPM
C014BD	11/23/2005 1:13:00 PM	189089	43-68B	190293	1/11/2006		log scalar	19	60		418 CPM
C015BD	11/23/2005 1:15:00 PM	189089	43-68B	190293	1/11/2006		log scalar	20	60		462 CPM
C016BD	11/23/2005 1:17:00 PM	189089	43-68B	190293	1/11/2006		log scalar	21	60		540 CPM
C017BD	11/23/2005 1:22:00 PM	189089	43-68B	190293	1/11/2006		log scalar	22	60		454 CPM
C018BD	11/23/2005 1:23:00 PM	189089	43-68B	190293	1/11/2006		log scalar	23	60		437 CPM
C019BD	11/23/2005 1:25:00 PM	189089	43-68B	190293	1/11/2006		log scalar	24	60		517 CPM
C020BD	11/23/2005 1:27:00 PM	189089	43-68B	190293	1/11/2006		log scalar	25	60		504 CPM
C021BD	11/23/2005 1:29:00 PM	189089	43-68B	190293	1/11/2006		log scalar	26	60		513 CPM
C022BD	11/23/2005 1:31:00 PM	189089	43-68B	190293	1/11/2006		log scalar	27	60		487 CPM
C023BD	11/23/2005 1:33:00 PM	189089	43-68B	190293	1/11/2006		log scalar	28	60		518 CPM
C023BD	11/23/2005 1:35:00 PM	189089	43-68B	190293	1/11/2006		log scalar	29	60		525 CPM
C024BD	11/23/2005 1:36:00 PM	189089	43-68B	190293	1/11/2006		log scalar	30	60		521 CPM
C025BD	11/23/2005 1:38:00 PM	189089	43-68B	190293	1/11/2006		log scalar	31	60		506 CPM
C026BD	11/23/2005 1:39:00 PM	189089	43-68B	190293	1/11/2006		log scalar	32	60		550 CPM
C027BD	11/23/2005 1:40:00 PM	189089	43-68B	190293	1/11/2006		log scalar	33	60		542 CPM
C028BD	11/23/2005 1:42:00 PM	189089	43-68B	190293	1/11/2006		log scalar	34	60		539 CPM
C029BD	11/23/2005 1:43:00 PM	189089	43-68B	190293	1/11/2006		log scalar	35	60		478 CPM
C030BD	11/23/2005 1:44:00 PM	189089	43-68B	190293	1/11/2006		log scalar	36	60		541 CPM
Location	Date/Time	2350-1 SN	Detector	Detector SN	Cal. Due	[L6]	Log Mode	Log No.	Count Time	Alarm	Log Value

appear

appear

Bkg 7
349 cpm

Rancho Seco Decommissioning

SUID: CC808 0000

Characterization Summary Report

Location	Date/Time	2350-1 SN	Detector	Detector SN	Cal. Due	[L6]	Log Mode	Log No.	Count Time	Alarm	Log Value
C031BD	11/30/2005 3:34:00 PM	189089	43-68B	190293	1/11/2006		log scalar	4	60		384 CPM
C032BD	11/30/2005 3:36:00 PM	189089	43-68B	190293	1/11/2006		log scalar	5	60		398 CPM
C033BD	11/30/2005 3:38:00 PM	189089	43-68B	190293	1/11/2006		log scalar	6	60		402 CPM
C034BD	11/30/2005 3:39:00 PM	189089	43-68B	190293	1/11/2006		log scalar	7	60		358 CPM
C035BD	11/30/2005 3:41:00 PM	189089	43-68B	190293	1/11/2006		log scalar	8	60		368 CPM
C036BD	11/30/2005 3:43:00 PM	189089	43-68B	190293	1/11/2006		log scalar	9	60		387 CPM
C037BD	11/30/2005 3:45:00 PM	189089	43-68B	190293	1/11/2006		log scalar	10	60		335 CPM
C038BD	12/14/2005 8:34:00 AM	193700	43-68B	160691	4/17/2006		log scalar	5	60		318 CPM ← bkg 8 225 cpm
C039BD	12/14/2005 8:37:00 AM	193700	43-68B	160691	4/17/2006		log scalar	6	60		365 CPM
C040BD	12/14/2005 8:39:00 AM	193700	43-68B	160691	4/17/2006		log scalar	7	60		333 CPM
C041BD	12/14/2005 8:41:00 AM	193700	43-68B	160691	4/17/2006		log scalar	8	60		358 CPM
C042BD	12/14/2005 8:42:00 AM	193700	43-68B	160691	4/17/2006		log scalar	9	60		327 CPM
C043BD	12/14/2005 8:44:00 AM	193700	43-68B	160691	4/17/2006		log scalar	10	60		338 CPM
C044BD	12/14/2005 8:46:00 AM	193700	43-68B	160691	4/17/2006		log scalar	11	60		377 CPM
C045BD	12/14/2005 8:48:00 AM	193700	43-68B	160691	4/17/2006		log scalar	12	60		475 CPM
C046BD	12/14/2005 8:49:00 AM	193700	43-68B	160691	4/17/2006		log scalar	13	60		650 CPM
C047BD	12/14/2005 8:51:00 AM	193700	43-68B	160691	4/17/2006		log scalar	14	60		614 CPM
C048BD	12/14/2005 8:53:00 AM	193700	43-68B	160691	4/17/2006		log scalar	15	60		558 CPM
C049BD	12/14/2005 8:54:00 AM	193700	43-68B	160691	4/17/2006		log scalar	16	60		617 CPM
C050BD	12/14/2005 8:56:00 AM	193700	43-68B	160691	4/17/2006		log scalar	17	60		479 CPM
C051BD	12/14/2005 8:58:00 AM	193700	43-68B	160691	4/17/2006		log scalar	18	60		359 CPM
C052BD	12/14/2005 9:00:00 AM	193700	43-68B	160691	4/17/2006		log scalar	19	60		359 CPM
C053BD	12/14/2005 9:01:00 AM	193700	43-68B	160691	4/17/2006		log scalar	20	60		353 CPM
C054BD	12/14/2005 9:03:00 AM	193700	43-68B	160691	4/17/2006		log scalar	21	60		351 CPM
C055BD	12/14/2005 9:04:00 AM	193700	43-68B	160691	4/17/2006		log scalar	22	60		332 CPM
C056BD	12/14/2005 9:06:00 AM	193700	43-68B	160691	4/17/2006		log scalar	23	60		368 CPM
C057BD	12/14/2005 9:08:00 AM	193700	43-68B	160691	4/17/2006		log scalar	24	60		390 CPM
C058BD	12/14/2005 9:09:00 AM	193700	43-68B	160691	4/17/2006		log scalar	25	60		377 CPM
C059BD	12/14/2005 9:11:00 AM	193700	43-68B	160691	4/17/2006		log scalar	26	60		494 CPM
C060BD	12/14/2005 9:12:00 AM	193700	43-68B	160691	4/17/2006		log scalar	27	60		484 CPM
Location	Date/Time	2350-1 SN	Detector	Detector SN	Cal. Due	[L6]	Log Mode	Log No.	Count Time	Alarm	Log Value
A061BD	11/22/2005 8:25:00 AM	189089	43-68B	190293	1/11/2006		log scalar	5	60		439 CPM
A062BD	11/22/2005 8:27:00 AM	189089	43-68B	190293	1/11/2006		log scalar	6	60		489 CPM

Rancho Seco Decommissioning

Characterization Summary Report

SUID: CC808 0000

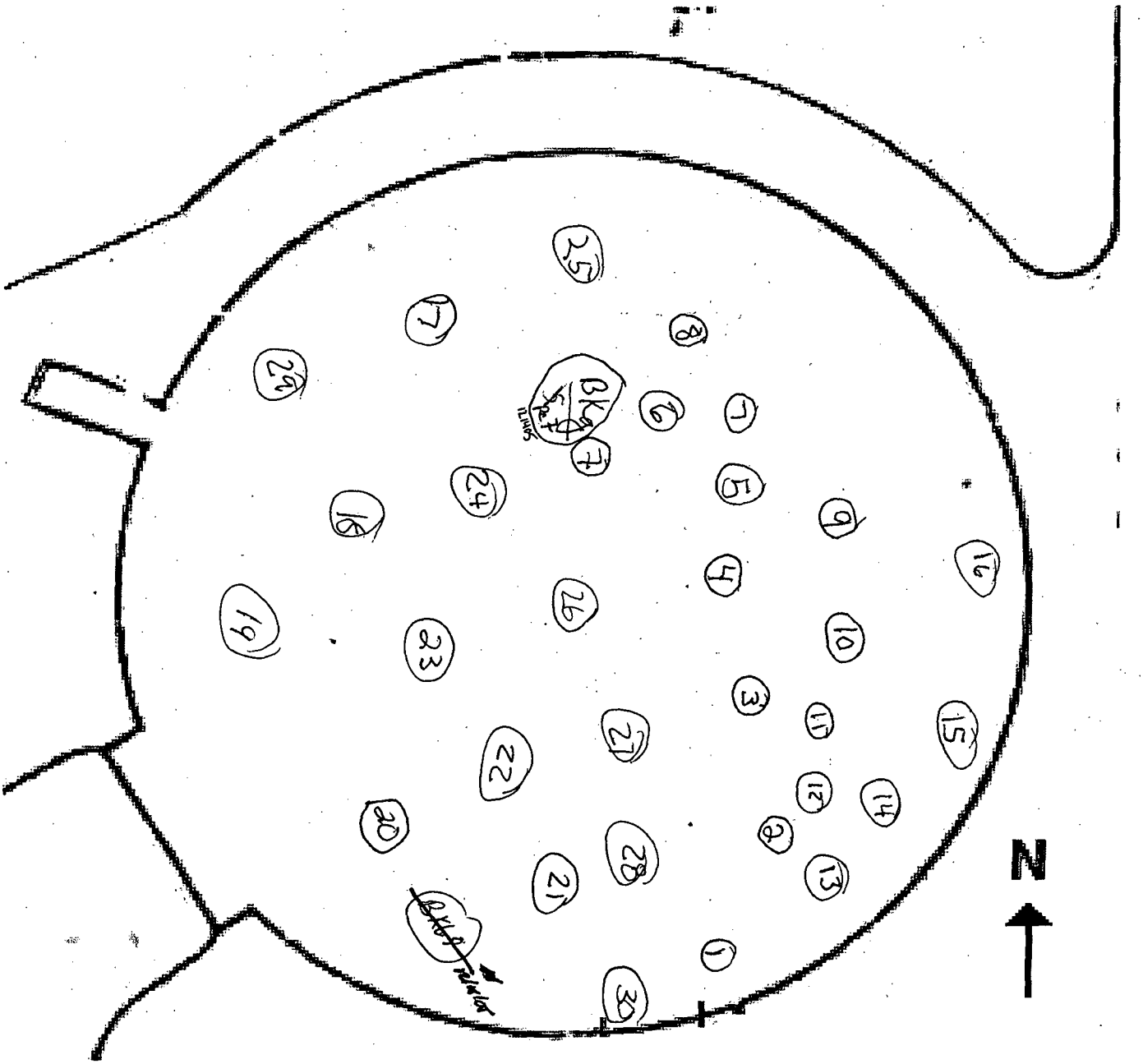
Location	Date/Time	2350-1 SN	Detector	Detector SN	Cal. Due	[L6]	Log Mode	Log No.	Count Time	Alarm	Log Value
A063BD	11/22/2005 8:31:00 AM	189089	43-68B	190293	1/11/2006		log scalar	7	60		495 CPM
A064BD	11/22/2005 8:33:00 AM	189089	43-68B	190293	1/11/2006		log scalar	8	60		457 CPM
A065BD	11/22/2005 8:46:00 AM	189089	43-68B	190293	1/11/2006		log scalar	9	60		586 CPM
A066BD	11/22/2005 8:49:00 AM	189089	43-68B	190293	1/11/2006		log scalar	10	60		642 CPM
A067BD	11/22/2005 8:51:00 AM	189089	43-68B	190293	1/11/2006		log scalar	11	60		651 CPM
A068BD	11/22/2005 8:54:00 AM	189089	43-68B	190293	1/11/2006		log scalar	12	60		731 CPM
A069BD	11/22/2005 9:00:00 AM	189089	43-68B	190293	1/11/2006		log scalar	13	60		888 CPM
A070BD	11/22/2005 9:02:00 AM	189089	43-68B	190293	1/11/2006		log scalar	14	60		737 CPM
A071BD	11/22/2005 9:56:00 AM	189089	43-68B	190293	1/11/2006		log scalar	15	60		666 CPM
A072BD	11/22/2005 9:58:00 AM	189089	43-68B	190293	1/11/2006		log scalar	16	60		607 CPM
A073BD	11/22/2005 10:01:00 AM	189089	43-68B	190293	1/11/2006		log scalar	17	60		528 CPM
A074BD	11/22/2005 10:02:00 AM	189089	43-68B	190293	1/11/2006		log scalar	18	60		637 CPM
A075BD	11/22/2005 10:04:00 AM	189089	43-68B	190293	1/11/2006		log scalar	19	60		645 CPM ← Bkg 1 295 cpm
A076BD	11/22/2005 10:09:00 AM	189089	43-68B	190293	1/11/2006		log scalar	20	60		627 CPM
A077BD	11/22/2005 10:11:00 AM	189089	43-68B	190293	1/11/2006		log scalar	21	60		549 CPM
A078BD	11/22/2005 10:15:00 AM	189089	43-68B	190293	1/11/2006		log scalar	22	60		528 CPM
A079BD	11/22/2005 10:19:00 AM	189089	43-68B	190293	1/11/2006		log scalar	23	60		583 CPM
A080BD	11/22/2005 10:21:00 AM	189089	43-68B	190293	1/11/2006		log scalar	24	60		571 CPM
A081BD	11/22/2005 10:23:00 AM	189089	43-68B	190293	1/11/2006		log scalar	25	60		698 CPM
A082BD	11/22/2005 10:29:00 AM	189089	43-68B	190293	1/11/2006		log scalar	27	60		1014 CPM ← Bkg 2 815 cpm
A083BD	11/22/2005 10:33:00 AM	189089	43-68B	190293	1/11/2006		log scalar	28	60		1407 CPM
A084BD	11/22/2005 10:38:00 AM	189089	43-68B	190293	1/11/2006		log scalar	30	60		1470 CPM ← Bkg 3 1398 cpm
A085BD	11/22/2005 10:40:00 AM	189089	43-68B	190293	1/11/2006		log scalar	31	60		1395 CPM
A086BD	11/22/2005 10:56:00 AM	189089	43-68B	190293	1/11/2006		log scalar	33	60 (11882-9302) / (0.148 x 1.26) = 14024 / 0.2576 = 54440 cpm		1882 CPM ← Bkg 4 9302 cpm
A087BD	11/22/2005 10:59:00 AM	189089	43-68B	190293	1/11/2006		log scalar	34	60		7369 CPM
A088BD	11/22/2005 11:01:00 AM	189089	43-68B	190293	1/11/2006		log scalar	35	60 (7369-1398) / (0.146x1.26) = 32458 cpm		3246 CPM
A089BD	11/22/2005 11:06:00 AM	189089	43-68B	190293	1/11/2006		log scalar	36	60		2182 CPM
A090BD	11/22/2005 11:08:00 AM	189089	43-68B	190293	1/11/2006		log scalar	37	60		1096 CPM
Location	**Date/Time**	**2350-1 SN**	**Detector**	**Detector SN**	**Cal. Due**	**[L6]**	**Log Mode**	**Log No.**	**Count Time**	**Alarm**	**Log Value**
C091BD	11/22/2005 12:55:00 PM	189089	43-68B	190293	1/11/2006		log scalar	39	60		1157 CPM ← Bkg 5 904 cpm
C092BD	11/22/2005 12:58:00 PM	189089	43-68B	190293	1/11/2006		log scalar	40	60		924 CPM
C093BD	11/22/2005 12:59:00 PM	189089	43-68B	190293	1/11/2006		log scalar	41	60		871 CPM
C094BD	11/22/2005 1:02:00 PM	189089	43-68B	190293	1/11/2006		log scalar	42	60		895 CPM

Rancho Seco Decommissioning

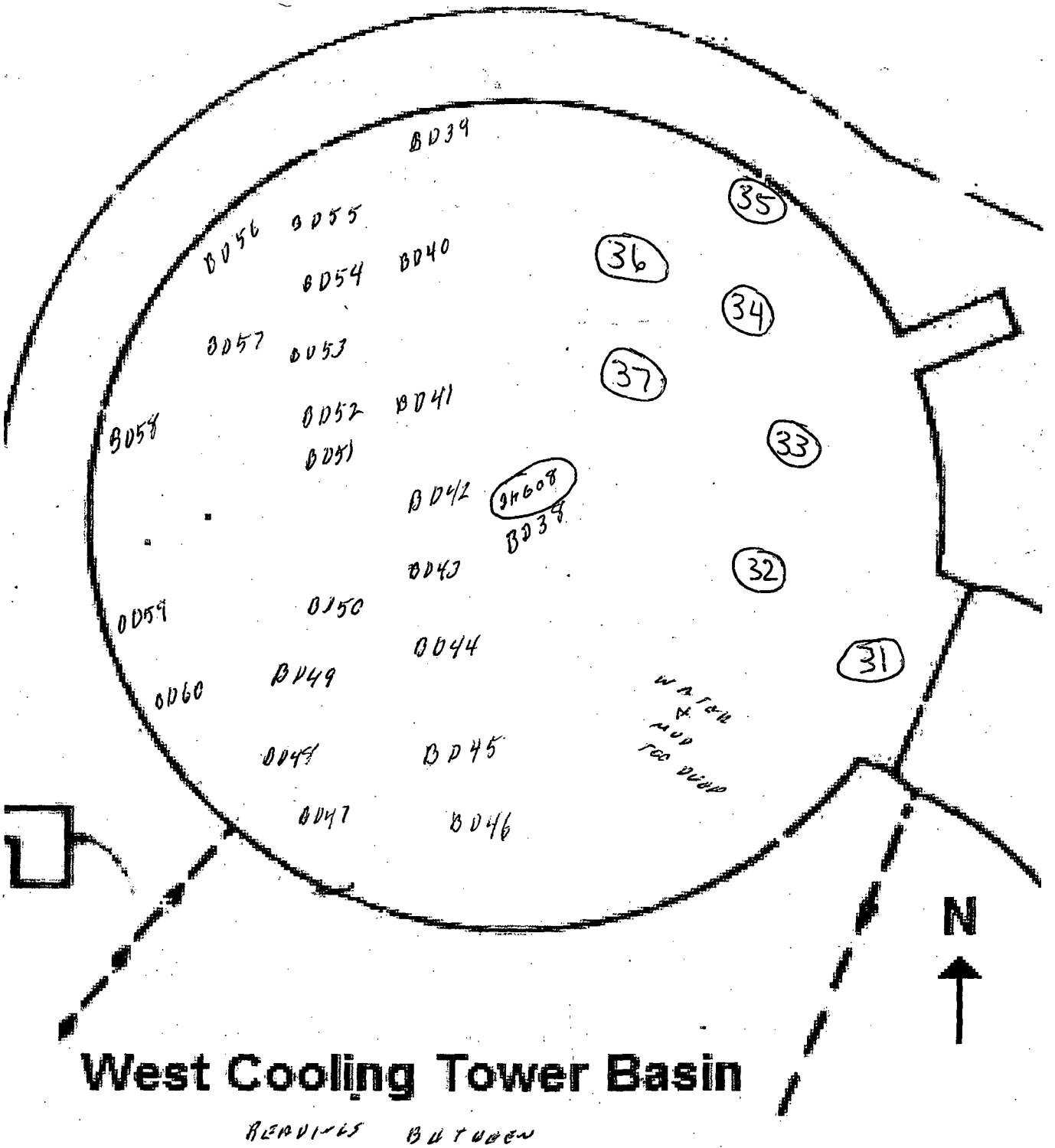
SUID: CC808 0000

Characterization Summary Report

Location	Date/Time	2350-1 SN	Detector	Detector SN	Cal. Due	[L6]	Log Mode	Log No.	Count Time	Alarm	Log Value
C095BD	11/22/2005 1:04:00 PM	189089	43-68B	190293	1/11/2006		log scalar	43	60		898 CPM
C096BD	11/22/2005 1:06:00 PM	189089	43-68B	190293	1/11/2006		log scalar	44	60		1152 CPM
C097BD	11/22/2005 1:08:00 PM	189089	43-68B	190293	1/11/2006		log scalar	45	60		645 CPM
C098BD	11/22/2005 1:11:00 PM	189089	43-68B	190293	1/11/2006		log scalar	46	60		834 CPM
C099BD	11/22/2005 1:12:00 PM	189089	43-68B	190293	1/11/2006		log scalar	47	60		881 CPM
C100BD	11/22/2005 1:16:00 PM	189089	43-68B	190293	1/11/2006		log scalar	48	60		737 CPM
C101BD	11/22/2005 1:19:00 PM	189089	43-68B	190293	1/11/2006		log scalar	49	60		1015 CPM
C102BD	11/22/2005 1:21:00 PM	189089	43-68B	190293	1/11/2006		log scalar	50	60		1018 CPM
C103BD	11/22/2005 1:23:00 PM	189089	43-68B	190293	1/11/2006		log scalar	51	60		939 CPM
C104BD	11/22/2005 1:26:00 PM	189089	43-68B	190293	1/11/2006		log scalar	52	60		727 CPM
C105BD	11/22/2005 1:29:00 PM	189089	43-68B	190293	1/11/2006		log scalar	53	60		842 CPM
C106BD	11/22/2005 1:31:00 PM	189089	43-68B	190293	1/11/2006		log scalar	54	60		1142 CPM
C107BD	11/22/2005 1:33:00 PM	189089	43-68B	190293	1/11/2006		log scalar	55	60		1080 CPM
C108BD	11/22/2005 1:44:00 PM	189089	43-68B	190293	1/11/2006		log scalar	56	60		1109 CPM
C109BD	11/22/2005 1:46:00 PM	189089	43-68B	190293	1/11/2006		log scalar	57	60		942 CPM
C110BD	11/22/2005 1:47:00 PM	189089	43-68B	190293	1/11/2006		log scalar	58	60		904 CPM
C111BD	11/22/2005 2:51:00 PM	189089	43-68B	190293	1/11/2006		log scalar	59	60		883 CPM
C112BD	11/22/2005 2:53:00 PM	189089	43-68B	190293	1/11/2006		log scalar	60	60		848 CPM
C113BD	11/22/2005 2:55:00 PM	189089	43-68B	190293	1/11/2006		log scalar	61	60		827 CPM
C114BD	11/22/2005 2:57:00 PM	189089	43-68B	190293	1/11/2006		log scalar	62	60		940 CPM
C115BD	11/22/2005 3:00:00 PM	189089	43-68B	190293	1/11/2006		log scalar	63	60		794 CPM
C116BD	11/22/2005 3:02:00 PM	189089	43-68B	190293	1/11/2006		log scalar	64	60		939 CPM
C117BD	11/22/2005 3:06:00 PM	189089	43-68B	190293	1/11/2006		log scalar	66	60		836 CPM
C118BD	11/22/2005 3:08:00 PM	189089	43-68B	190293	1/11/2006		log scalar	67	60		861 CPM
C119BD	11/22/2005 3:10:00 PM	189089	43-68B	190293	1/11/2006		log scalar	68	60		830 CPM
C120BD	11/22/2005 3:12:00 PM	189089	43-68B	190293	1/11/2006		log scalar	69	60		855 CPM ← Bkg 6 781 cpm



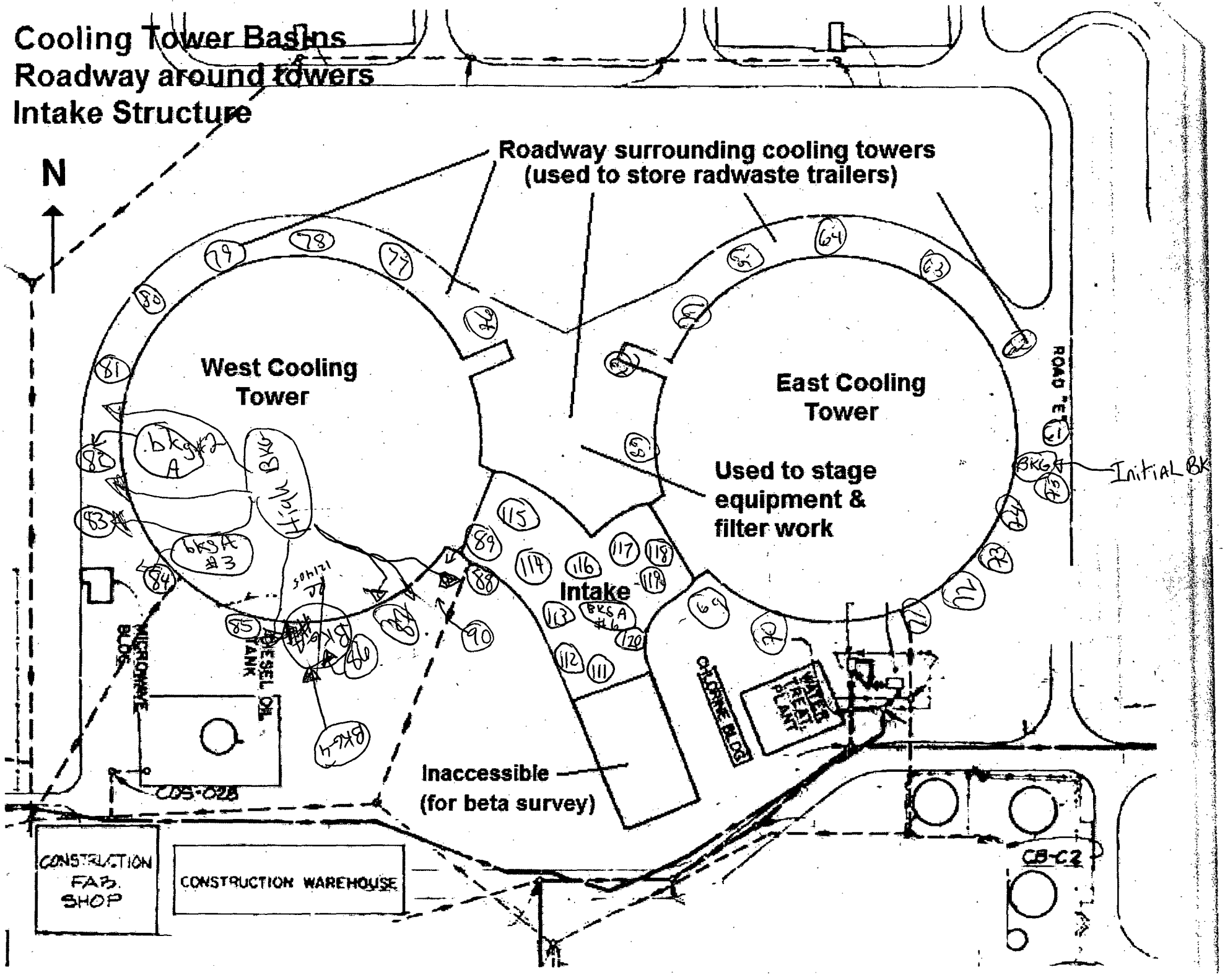
East Cooling Tower Basin



West Cooling Tower Basin

READINGS BETWEEN

MUD PEDDLES


Cooling Tower Basins
Roadway around towers
Intake Structure
N
Roadway surrounding cooling towers
(used to store radwaste trailers)
West Cooling Tower
East Cooling Tower
Used to stage equipment & filter work
Intake
Inaccessible
(for beta survey)
Initial BK
CONSTRUCTION FAB. SHOP
CONSTRUCTION WAREHOUSE
CB-C2

Attachment 2

Table 5-C of DTBD 06-001
"Initial Classification of Survey Areas and Design Sigma Values"

Deleted: 0

843000	Barrel Farm	(Soil/pave)	1.46	1.46	1
848000	Area around Retention Basins	(Soil/pave)	0.047/1294	0.047/1294	3 / 2
851000	Switch Yard	(Soil/pave)	0.008/397	0.008/397	3

SU/Area #	Table 5-C Structures Description		Initial Total Sigma	Adjusted* Sigma	SU/Area Classification
500001	Receiving Warehouse		397/65	397/65	3 / 3
501002	Hazmat Warehouse	Int/Ext	533/147	533/147	3 / 3
804001	PAP Bld		500/196	500/196	3 / 3
805001	Admin Bld		451/712	451/712	3 / 3
806001	East/West Spray Ponds/Conc/Pave		0.026/231/207	0.026/231/207	2 / 3 / 3
808001	East/West Cooling Twr Basin Con/Pav		667/6187	667/6187	3/ 2
809000	Sewer Plant		158	158	3
811000	Reactor Bld El-27'		2593910	31920	1
	Reactor Bld Grade		238479	33040	1
	Reactor Bld El +40'		67358	3892	1
	Reactor Bld El +60'		22086	16178	1
	Reactor Bld Exterior/Roof		119	119	3
812000	Spent Fuel Bld pool		5.65E+07	12246	1
	Spent Fuel Bld El +40'		4631	4631	2
	Spent Fuel Bld Exterior		747	747	2
	Spent Fuel Bld Roof		408	408	3
813000	Auxiliary Bld El -47'		740452	9976	1
	Aux Bld El-29'		1200000	10204	1
	Aux Bld El-20'		920181	12035	1,2
	Aux Bld Grade		1046734	6935	1
	Aux Bld El+20'		309414	5461	1
	Aux Bld El+40'		3627	3627	2
	Aux Bld Roof		136	136	3
	Aux Bld Exterior		342	342	3
814000	T & R Bld	Int/Ext	500/435	500/435	3 / 3
815000	Nucl. Serv Elect Bld	Int/Ext	353/261	353/261	3 / 3
816000	Central Alarm Station Bld	Int/Ext	364/234	364/234	3 / 3
817000	TDI Diesel Gen Bld	Int/Ext	647/141	647/141	3 / 3
818000	Elec Shop		152	152	3
819000	BWB		7356	2512	2
820000	L&D Bld Pad		163	163	3
821000	Water Treat Bld	Int/Ext	266/511	266/511	3 / 3
822000	Cl2 Bld	Int/Ext	462/1196	462/1196	3 / 3
823000	Intake Pump Structure	sed/Conc	0.11/667	0.11/667	3 / 3
824000	PCW Intake		397	397	2
826000	Turbine Bld El-7'		5990	3130	1,2
	Turbine Bld Grade		1316	1316	2
	Turbine Bld Mezz		402	402	3
	Turbine Bld El+40'/Extr	Int/Ext	277/1723	277/1723	3
827000	Toolroom Pad		136	136	3

Deleted: October 23, 2006

Deleted: August 8, 2006

Attachment 3

Revised Table 5-4D
"Survey Area Characterization-Structures"

Table 5-4D
Survey Area Characterization-Structures

Survey Unit/ Area ID #	Survey Area	Interior				Exterior				
		Sigma dpm/100 cm^2	Class	Mean Dir. Beta dpm/100 cm^2	Maximum Dir. Beta dpm/100 cm^2	Sigma dpm/ 100 cm^2	Class	Mean Dir. Beta dpm/100 cm^2	Maximum Dir. Beta dpm/100 cm^2	Approx. Survey Area Size, m^2
501001	Receiving Warehouse	397	3	1,734	2,386	65	3	1,212	1,364	1,860
501002	Hazmat Warehouse	533	3	1,913	2,642	147	3	1,468	1,826	1,420
804001	PAP Building	500	3	2,011	3,153	196	3	2,142	2,778	3,375
805001	Admin. Building	451	3	1,903	2,734	712	3	2,017	4,387	3,750
808001	E/W Cool Twr Basin	N/A	N/A	N/A	N/A	685	2,3	4,952	6,289	17,000
811000	Reactor Bldg. –27'	2,593,910	1	1,535,383	8,134,000	N/A	N/A	N/A	N/A	2,268
"	Reactor Bldg. Grade	238,479	1	201,670	370,000	N/A	N/A	N/A	N/A	780
"	Reactor Bldg. +40'	67,358	1	51,521	99,150	N/A	N/A	N/A	N/A	780
"	Reactor Bldg. +60'	22,086	1	20,110	46,660	N/A	N/A	N/A	N/A	2,100
"	Reactor Bldg. Ext/Roof	N/A	N/A	N/A	N/A	119	3	1,364	1,571	8,483
812000	Spent Fuel Bldg pool	56,500,000	1	16,900,000	200,000,000	N/A	N/A	N/A	N/A	195
"	Spent Fuel Bldg. +40'	4,631	2	5,942	19,358	N/A	N/A	N/A	N/A	1,078
"	Spent Fuel Bld Exterior	N/A	N/A	N/A	N/A	747	2	1,935	4,996	~660
"	Spent Fuel Bldg. roof	N/A	N/A	N/A	N/A	408	3	1,729	2,229	480
813000	Auxiliary Bldg. –47'	740,452	1	320,071	5,720,000	N/A	N/A	N/A	N/A	1,639
"	Auxiliary Bldg. –29'	1,200,000	1	544,756	11,370,277	N/A	N/A	N/A	N/A	4,391
"	Auxiliary Bldg. –20'	920,181	1,2	247,831	10,080,000	N/A	N/A	N/A	N/A	8,518
"	Auxiliary Bldg. Grade	1,046,734	1,2	373,758	5,800,000	N/A	N/A	N/A	N/A	2,927
"	Auxiliary Bldg. +20'	309,414	1,2	85,408	1,900,000	N/A	N/A	N/A	N/A	2,162
"	Auxiliary Bldg. +40'	3,627	1,2	3,288	24,781	N/A	N/A	N/A	N/A	1,572
"	Auxiliary Bldg. roof	N/A	N/A	N/A	N/A	136	3	1,984	2,250	1,955
"	Auxiliary Bld exterior	N/A	N/A	N/A	N/A	342	3	1,897	2,990	~950
814000	T&R Bldg.	500	3	1,680	2,528	435	3	1,865	2,995	11,400
815000	Nucl Svc Elect Bldg.	353	3	1,636	2,131	261	3	1,913	2,669	4,650
816000	Cent Alarm Sta Bldg	364	3	2,066	3,327	234	3	2,327	2,789	1,210