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Alabama Power Company  
ATTN: Mr. W. G. Hairston, III  
Senior Vice President-Nuclear  
Operations  
P. O. Box 2641  
Birmingham, AL 35291-0400

Gentlemen:

SUBJECT: CONFIRMATORY MEASUREMENT RESULTS, SUPPLEMENT TO INSPECTION REPORT  
NOS. 50-348/87-37 AND 50-364/87-37

During the inspection of December 16-18, 1987, the inspector requested your Farley facility to perform smear surveys of selected areas within the radiation controlled area (RCA) and analyze them for alpha, beta, and gamma radioactivity. These surveys were taken in the Unit 1 Spent Fuel Pool Area, Waste Sorting Area, Unit 1 Primary Sample Room, and the Radwaste Solidification Area.

The inspector also informed licensee management representatives that these smear samples (approximately 213) would be analyzed for alpha, beta, gamma radioactivity by the NRC Region I office to compare the results achieved by the licensee. The results of this comparison are presented in the enclosure.

Although differences were noted for gross beta results, these variations were attributed to differences in counting methodologies and instrument calibrations. The NRC laboratory utilized a Gamma Products Alpha-Beta Proportional Counter which was calibrated for gross beta efficiency using a Cesium-137 (Cs-137) standard. The operating voltage was selected to maximize efficiency and to minimize the beta to alpha crosstalk. (Beta to alpha crosstalk is defined as beta particles that are counted in the alpha region.) Smears which indicated possible alpha activity were additionally counted on a SAC-4, a alpha scintillation counter. The SAC-4 detected only alpha particles and therefore eliminated the interferences of crosstalk. Smears that were considered to contain too high a level of radioactivity were counted for gross alpha and beta activity using a RM-14 with a HP-210 detector so as to avoid possible contamination of the alpha-beta counter. The licensee's NMC-4 alpha-beta counter was calibrated using Tc-99 which would result in a lower counting efficiency than that determined using Cs-137. Final activity (disintegrations/minute (dpm)) calculated using the lower efficiency would result in higher reported dpm.

Additional differences between NRC and licensee results were attributed to isotopic decay. A time interval of approximately two weeks elapsed between licensee and NRC counting, and gross activity determinations could not be decay corrected.

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The NRC's lower limits of detection (LLDs) were reported as less than 2 dpm/smear for alpha activity and less than 4 dpm/smear for beta activity. The licensee's "less than" results of less than 20 dpm/smear for gross alpha and less than 200 dpm/smear for gross beta were based on action limits for controlling surface radioactivity within the RCA.

If you have any questions regarding these results, please contact us.

Sincerely,  
*original signed  
by  
T. Decker*

Douglas M. Collins, Chief  
Emergency Preparedness and  
Radiological Protection Branch  
Division of Radiation Safety  
and Safeguards

Enclosure:  
Gross Alpha/Beta Analyses

cc w/encl:

- ✓ B. M. Guthrie, Executive Vice President
- ✓ B. N. Morey, General Manager -  
Nuclear Plant
- ✓ D. Woodard, Vice President -  
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- ✓ W. McGowan, Manager-Safety Audit  
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- ✓ S. Fulmer, Supervisor-Safety  
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bcc w/encl:

- ✓ NRC Resident Inspector
- ✓ DRS Technical Assistant
- ✓ E. Reeves, Project Manager, NRR  
State of Alabama  
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RII <i>[Signature]</i> TCollins 8/18/88	PII <i>[Signature]</i> CHosey 8/18/88	RII <i>[Signature]</i> JKahle 8/19/88	RII <i>[Signature]</i> HDance 8/19/88
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## ENCLOSURE

## Gross Alpha/Beta Analyses of Smears

Sample ID	Gross Alpha, dpm/smear		Gross Beta, dpm/smear	
	NRC	Licensee	NRC	Licensee
SN 1382 (Rad Waste Building Smear #1)	< 2	< 20	< 4	< 200
SN 1383 (Rad Waste Building Smear #2)	< 2	< 20	7 ± 3	< 200
SN 1384 (Rad Waste Building Smear #3)	< 2	< 20	< 4	< 200
SN 1385 (Rad Waste Building Smear #4)	< 2	< 20	< 4	< 200
SN 1386 (Rad Waste Building Smear #5)	< 2	< 20	< 4	< 200
SN 1387 (Rad Waste Building Smear #6)	< 2	< 20	< 4	< 200
SN 1388 (Rad Waste Building Smear #7)	< 2	< 20	< 4	< 200
SN 1389 (Rad Waste Building Smear #8)	< 2	< 20	< 4	< 200
SN 1390 (Rad Waste Building Smear #9)	< 2	< 20	< 4	< 200
SN 1391 (Rad Waste Building Smear #11)	< 2	< 20	< 4	< 200
SN 1392 (Rad Waste Building Smear #12)	< 2	< 20	< 4	< 200
SN 1393 (Rad Waste Building Smear #13)	< 2	< 20	< 4	< 200
SN 1394 (Rad Waste Building Smear #14)	< 2	< 20	< 4	< 200
SN 1395 (Rad Waste Building Smear #15)	< 2	< 20	5 ± 3	< 200
SN 1396 (Rad Waste Building Smear #16)	< 2	< 20	< 4	< 200
SN 1397 (Rad Waste Building Smear #17)	< 2	< 20	< 4	< 200
SN 1398 (Rad Waste Building Smear #18)	< 2	< 20	< 4	< 200
SN 1399 (Rad Waste Building Smear #19)	< 2	< 20	< 4	< 200
SN 1400 (Rad Waste Building Smear #20)	< 2	< 20	< 4	< 200
SN 1401 (Rad Waste Building Smear #21)	< 2	< 20	< 4	< 200
SN 1402 (Rad Waste Building Smear #23)	< 2	< 20	< 4	< 200
SN 1403 (Rad Waste Building Smear #24)	< 2	< 20	5 ± 3	< 200
SN 1404 (Rad Waste Building Smear #25)	< 2	< 20	< 4	< 200
SN 1405 (Rad Waste Building Smear #26)	< 2	< 20	< 4	< 200
SN 1406 (Rad Waste Building Smear #27)	< 2	< 20	< 4	< 200
SN 1407 (Rad Waste Building Smear #28)	< 2	< 20	< 4	< 200
SN 1408 (Rad Waste Building Smear #29)	2 ± 2	< 20	12 ± 4	< 200
SN 1409 (Rad Waste Building Smear #30)	< 2	< 20	< 4	< 200
SN 1410 (Rad Waste Building Smear #31)	2 ± 2	< 20	< 4	< 200
SN 1411 (Rad Waste Building Smear #32)	< 2	< 20	< 4	< 200
SN 1412 (Rad Waste Building Smear #33)	< 2	< 20	11 ± 4	< 200
SN 1413 (Rad Waste Building Smear #34)	< 2	< 20	< 4	< 200
SN 1414 (Rad Waste Building Smear #35)	< 2	< 20	< 4	< 200
SN 1415 (Rad Waste Building Smear #36)	< 2	< 20	< 4	< 200
SN 1416 (Rad Waste Building Smear #37)	< 2	< 20	< 4	< 200
SN 1417 (Rad Waste Building Smear #38)	< 2	< 20	< 4	< 200
SN 1418 (Rad Waste Building Smear #39)	3 ± 2	< 20	26 ± 5	< 200
SN 1419 (Rad Waste Building Smear #40)	< 2	< 20	< 4	< 200
SN 1420 (Rad Waste Building Smear #41)	< 2	< 20	< 4	< 200
SN 1421 (Rad Waste Building Smear #42)	< 2	< 20	< 4	< 200
SN 1422 (Rad Waste Building Smear #43)	< 2	< 20	< 4	< 200
SN 1423 (Rad Waste Building Smear #44)	< 2	< 20	< 4	< 200
SN 1424 (Rad Waste Building Smear #45)	< 2	< 20	< 4	< 200
SN 1425 (Rad Waste Building Smear #46)	< 2	< 20	< 4	< 200
SN 1426 (Rad Waste Building Smear #47)	< 2	< 20	7 ± 3	< 200
SN 1427 (Rad Waste Building Smear #48)	< 2	< 20	< 4	< 200
SN 1428 (Rad Waste Building Smear #49)	< 2	< 20	< 4	< 200
SN 1429 (Rad Waste Building Smear #50)	< 2	< 20	< 4	< 200
SN 1430 (Rad Waste Building Smear #51)	< 2	< 20	< 4	< 200
SN 1431 (Rad Waste Building Smear #52)	< 2	< 20	< 4	< 200
SN 1432 (Rad Waste Building Smear #53)	< 2	< 20	< 4	< 200

Sample ID	Gross Alpha, dpm/smear		Gross Beta, dpm/smear	
	NRC	Licensee	NRC	Licensee
SN 1433 (Rad Waste Building Smear #54)	< 2	< 20	5 ± 3	< 200
SN 1434 (Rad Waste Building Smear #55)	< 2	< 20	< 4	< 200
SN 1435 (Rad Waste Building Smear #56)	< 2	< 20	< 4	< 200
SN 1436 (Rad Waste Building Smear #57)	< 2	< 20	< 4	< 200
SN 1437 (Rad Waste Building Smear #58)	< 2	< 20	< 4	< 200
SN 1438 (Rad Waste Building Smear #59)	< 2	< 20	< 4	< 200
SN 1439 (Rad Waste Building Smear #60)	< 2	< 20	< 4	< 200
SN 1440 (Solidification Building Smear #1)	< 2	< 20	< 4	< 200
SN 1441 (Solidification Building Smear #2)	< 2	< 20	< 4	< 200
SN 1442 (Solidification Building Smear #3)	< 2	< 20	< 4	< 200
SN 1443 (Solidification Building Smear #4)	< 2	< 20	< 4	< 200
SN 1444 (Solidification Building Smear #5)	< 2	< 20	6 ± 3	< 200
SN 1445 (Solidification Building Smear #6)	< 2	< 20	< 4	< 200
SN 1446 (Solidification Building Smear #7)	< 2	< 20	< 4	< 200
SN 1447 (Solidification Building Smear #8)	(1) < 2	< 20	1080 ± 31	2140
SN 1448 (Solidification Building Smear #9)	< 2	< 20	13 ± 4	< 200
SN 1449 (Solidification Building Smear #10)	< 2	< 20	4 ± 3	< 200
SN 1450 (Solidification Building Smear #11)	< 2	< 20	10 ± 4	< 200
SN 1451 (Solidification Building Smear #12)	< 2	< 20	5 ± 3	< 200
SN 1452 (Solidification Building Smear #13)	2 ± 2	< 20	48 ± 5	< 200
SN 1453 (Solidification Building Smear #14)	< 2	< 20	< 4	< 200
SN 1454 (Solidification Building Smear #15)	< 2	< 20	< 4	< 200
SN 1455 (Solidification Building Smear #16)	< 2	< 20	< 4	< 200
SN 1456 (Solidification Building Smear #17)	< 2	< 20	< 4	< 200
SN 1457 (Solidification Building Smear #18)	< 2	< 20	< 4	< 200
SN 1458 (Solidification Building Smear #19)	< 2	< 20	< 4	< 200
SN 1459 (Solidification Building Smear #20)	< 2	< 20	< 4	< 200
SN 1460 (Solidification Building Smear #21)	< 2	< 20	< 4	< 200
SN 1461 (Solidification Building Smear #22)	< 2	< 20	< 4	< 200
SN 1462 (Solidification Building Smear #23)	< 2	< 20	< 4	< 200
SN 1463 (Solidification Building Smear #24)	< 2	< 20	< 4	< 200
SN 1464 (Solidification Building Smear #25)	< 2	< 20	< 4	< 200
SN 1465 (Solidification Building Smear #26)	< 2	< 20	< 4	< 200
SN 1466 (Solidification Building Smear #27)	< 2	< 20	< 4	< 200
SN 1467 (Solidification Building Smear #28)	< 2	< 20	< 4	< 200
SN 1468 (Solidification Building Smear #29)	< 2	< 20	< 4	< 200
SN 1469 (Solidification Building Smear #30)	< 2	< 20	< 4	< 200
SN 1470 (Solidification Building Smear #31)	< 2	< 20	< 4	< 200
SN 1471 (Solidification Building Smear #32)	< 2	< 20	< 4	< 200
SN 1472 (Solidification Building Smear #33)	< 2	< 20	< 4	< 200
SN 1473 (Solidification Building Smear #34)	< 2	< 20	< 4	< 200
SN 1474 (Solidification Building Smear #35)	< 2	< 20	< 4	< 200
SN 1475 (Solidification Building Smear #36)	< 2	< 20	< 4	< 200
SN 1476 (Solidification Building Smear #37)	< 2	< 20	< 4	< 200
SN 1477 (Solidification Building Smear #38)	< 2	< 20	< 4	< 200
SN 1478 (Solidification Building Smear #39)	< 2	< 20	< 4	< 200
SN 1479 (Solidification Building Smear #40)	< 2	< 20	< 4	< 200
SN 1480 (Solidification Building Smear #41)	< 2	< 20	< 4	< 200
SN 1481 (Solidification Building Smear #42)	< 2	< 20	< 4	< 200
SN 1482 (Solidification Building Smear #43)	< 2	< 20	< 4	< 200
SN 1483 (Solidification Building Smear #44)	< 2	< 20	< 4	< 200
SN 1484 (Solidification Building Smear #45)	< 2	< 20	< 4	< 200
SN 1485 (Solidification Building Smear #46)	< 2	< 20	< 4	< 200
SN 1486 (Solidification Building Smear #47)	< 2	< 20	< 4	< 200

Sample ID	Gross Alpha, dpm/smear		Gross Beta, dpm/smear	
	NRC	Licensee	NRC	Licensee
SN 1487 (Solidification Building Smear #48)	< 2	< 20	< 4	< 200
SN 1488 (Solidification Building Smear #49)	< 2	< 20	< 4	< 200
SN 1489 (Solidification Building Smear #50)	< 2	< 20	< 4	< 200
SN 1490 (Solidification Building Smear #51)	< 2	< 20	< 4	< 200
SN 1491 (Solidification Building Smear #52)	< 2	< 20	< 4	< 200
SN 1492 (Solidification Building Smear #53)	< 2	< 20	< 4	< 200
SN 1493 (Solidification Building Smear #54)	< 2	< 20	< 4	< 200
SN 1494 (Solidification Building Smear #55)	< 2	< 20	< 4	< 200
SN 1495 (Solidification Building Smear #56)	< 2	< 20	< 4	< 200
SN 1496 (Solidification Building Smear #57)	< 2	< 20	< 4	< 200
SN 1497 (Solidification Building Smear #58)	< 2	< 20	< 4	< 200
SN 1498 (Solidification Building Smear #59)	< 2	< 20	< 4	< 200
SN 1499 (Solidification Building Smear #60)	< 2	< 20	< 4	< 200
SN 1500 (Solidification Building Smear #61)	< 2	< 20	< 4	< 200
SN 1501 (Solidification Building Smear #62)	< 2	< 20	< 4	< 200
SN 1502 (Solidification Building Smear #63)	< 2	< 20	< 4	< 200
SN 1503 (Solidification Building Smear #64)	< 2	< 20	< 4	< 200
SN 1504 (Solidification Building Smear #65)	< 2	< 20	< 4	< 200
SN 1505 (Solidification Building Smear #66)	< 2	< 20	< 4	< 200
SN 1506 (Solidification Building Smear #67)	< 2	< 20	< 4	< 200
SN 1507 (Solidification Building Smear #68)	< 2	< 20	< 4	< 200
SN 1508 (Solidification Building Smear #69)	< 2	< 20	< 4	< 200
SN 1509 (Solidification Building Smear #70)	< 2	< 20	< 4	< 200
SN 1510 (Solidification Building Smear #71)	< 2	< 20	< 4	< 200
SN 1511 (Solidification Building Smear #72)	< 2	< 20	< 4	< 200
SN 1512 (Solidification Building Smear #73)	< 2	< 20	< 4	< 200
SN 1513 (Solidification Building Smear #74)	< 2	< 20	6 ± 3	< 200
SN 1514 (Solidification Building Smear #75)	< 2	< 20	< 4	< 200
SN 1515 (Solidification Building Smear #76)	< 2	< 20	< 4	< 200
SN 1516 (Solidification Building Smear #77)	< 2	< 20	< 4	< 200
SN 1517 (Solidification Building Smear #78)	< 2	< 20	< 4	< 200
SN 1518 (Solidification Building Smear #79)	< 2	< 20	< 4	< 200
SN 1519 (Solidification Building Smear #80)	< 2	< 20	< 4	< 200
SN 1520 (Solidification Building Smear #81)	< 2	< 20	< 4	< 200
SN 1521 (Solidification Building Smear #82)	< 2	< 20	< 4	< 200
SN 1522 (Solidification Building Smear #83)	< 2	< 20	< 4	< 200
SN 1523 (Solidification Building Smear #84)	< 2	< 20	< 4	< 200
SN 1524 (Solidification Building Smear #85)	< 2	< 20	10 ± 4	< 200
SN 1525 (Solidification Building Smear #86)	< 2	< 20	< 4	< 200
SN 1526 (Solidification Building Smear #87)	< 2	< 20	< 4	< 200
SN 1527 (Solidification Building Smear #88)	< 2	< 20	< 4	< 200
SN 1528 (Solidification Building Smear #89)	< 2	< 20	< 4	< 200
SN 1529 (Solidification Building Smear #90)	< 2	< 20	< 4	< 200
SN 1530 (Solidification Building Smear #91)	< 2	< 20	< 4	< 200
SN 1531 (Waste Sorting Area Smear #1)	< 2	< 20	5 ± 3	< 200
SN 1532 (Waste Sorting Area Smear #2)	< 2	< 20	86 ± 9	< 200
SN 1533 (Waste Sorting Area Smear #3)	< 2	< 20	6 ± 3	< 200
SN 1534 (Waste Sorting Area Smear #4)	< 2	< 20	< 2	< 200
SN 1535 (Waste Sorting Area Smear #5)	< 2	< 20	10 ± 4	< 200
SN 1536 (Waste Sorting Area Smear #6)	< 2	< 20	33 ± 6	< 200
SN 1537 (Waste Sorting Area Smear #7)	< 2	< 20	91 ± 9	< 200
SN 1538 (Waste Sorting Area Smear #8)	< 2	< 20	104 ± 10	< 200
SN 1539 (Waste Sorting Area Smear #9)	< 2	< 20	60 ± 8	< 200
SN 1540 (Waste Sorting Area Smear #10)	< 2	< 20	68 ± 8	< 200

Sample ID	Gross Alpha, dpm/smear		Gross Beta, dpm/smear	
	NRC	Licensee	NRC	Licensee
SN 1541 (Waste Sorting Area Smear #11)	(1) < 2	< 20	1360 ± 35	2609
SN 1542 (Waste Sorting Area Smear #12)	< 2	< 20	68 ± 8	< 200
SN 1543 (Waste Sorting Area Smear #13)	< 2	< 20	43 ± 7	< 200
SN 1544 (Waste Sorting Area Smear #14)	< 2	< 20	46 ± 7	< 200
SN 1545 (Waste Sorting Area Smear #15)	3 ± 3	< 20	84 ± 9	< 200
SN 1546 (Spent Fuel Pool Smear #1)	< 2	< 20	8 ± 3	< 200
SN 1547 (Spent Fuel Pool Smear #2)	< 2	< 20	< 4	< 200
SN 1548 (Spent Fuel Pool Smear #3)	< 2	< 20	8 ± 3	< 200
SN 1549 (Spent Fuel Pool Smear #4)	< 2	< 20	< 4	< 200
SN 1550 (Spent Fuel Pool Smear #5)	< 2	< 20	5 ± 3	< 200
SN 1551 (Spent Fuel Pool Smear #6)	< 2	< 20	17 ± 4	< 200
SN 1552 (Spent Fuel Pool Smear #7)	(1) < 2	< 20	24 ± 5	< 200
SN 1553 (Spent Fuel Pool Smear #8)	< 2	< 20	3 ± 3	< 200
SN 1554 (Spent Fuel Pool Smear #9)	(1) 12 ± 4	< 20	1410 ± 36	2090
SN 1555 (Spent Fuel Pool Smear #10)	< 2	< 20	6 ± 3	< 200
SN 1556 (Spent Fuel Pool Smear #11)	< 2	< 20	25 ± 5	< 200
SN 1557 (Spent Fuel Pool Smear #12)	< 2	< 20	32 ± 6	< 200
SN 1558 (Spent Fuel Pool Smear #13)	2 ± 2	< 20	11 ± 4	< 200
SN 1559 (Spent Fuel Pool Smear #14)	< 2	< 20	< 4	< 200
SN 1560 (Spent Fuel Pool Smear #15)	4 ± 3	< 20	54 ± 7	< 200
SN 1561 (Spent Fuel Pool Smear #16)	3 ± 2	< 20	25 ± 5	< 200
SN 1562 (Spent Fuel Pool Smear #17)	< 2	< 20	42 ± 6	< 200
SN 1563 (Spent Fuel Pool Smear #18)	2 ± 2	< 20	52 ± 7	< 200
SN 1564 (Spent Fuel Pool Smear #19)	< 2	< 20	8 ± 3	< 200
SN 1565 (Spent Fuel Pool Smear #20)	< 2	< 20	56 ± 7	< 200
SN 1566 (Spent Fuel Pool Smear #21)	< 2	< 20	40 ± 6	< 200
SN 1567 (Spent Fuel Pool Smear #22)	< 2	< 20	89 ± 9	< 200
SN 1568 (Spent Fuel Pool Smear #23)	< 2	< 20	30 ± 6	< 200
SN 1569 (Spent Fuel Pool Smear #24)	(1) < 2	< 20	936 ± 29	1373
SN 1570 (Spent Fuel Pool Smear #25)	< 2	< 20	76 ± 8	< 200
SN 1571 (Spent Fuel Pool Smear #26)	4 ± 3	< 20	100 ± 10	< 200
SN 1572 (Spent Fuel Pool Smear #27)	(1) 12 ± 4	< 20	7830 ± 84	12679
SN 1573 (Spent Fuel Pool Smear #28)	(1) 110 ± 8	ND	(2, 3) 40000 ± 4000	90000
SN 1574 (Spent Fuel Pool Smear #29)	(1) 32 ± 6	70	(2, 3) 152000 ± 8000	250000
SN 1575 (Spent Fuel Pool Smear #30)	(1) 32 ± 6	ND	(2, 3) 34800 ± 180	60000
SN 1576 (Spent Fuel Pool Smear #28-1)	(1) 24 ± 5	< 20	11000 ± 100	18332
SN 1577 (Spent Fuel Pool Smear #29-1)	(1) 2 ± 2	< 20	11900 ± 104	18566
SN 1578 (Spent Fuel Pool Smear #30-1)	(1) 8 ± 3	< 20	5000 ± 68	8099
SN 1579 (Primary Sample Room Smear #1)	< 2	< 20	4 ± 3	< 200
SN 1580 (Primary Sample Room Smear #2)	< 2	< 20	13 ± 4	< 200
SN 1581 (Primary Sample Room Smear #3)	< 2	< 20	5 ± 3	< 200
SN 1582 (Primary Sample Room Smear #4)	(1) < 2	< 20	2910 ± 51	5991
SN 1583 (Primary Sample Room Smear #5)	(1) 2 ± 2	< 20	1250 ± 34	2670
SN 1584 (Primary Sample Room Smear #6)	(1) 4 ± 2	< 20	3170 ± 54	7170
SN 1585 (Primary Sample Room Smear #7)	(1) 4 ± 2	< 20	4340 ± 63	9787
SN 1586 (Primary Sample Room Smear #8)	(1) 3 ± 2	< 20	4360 ± 63	9363
SN 1587 (Primary Sample Room Smear #9)	(1) < 2	< 20	1970 ± 42	4183
SN 1588 (Primary Sample Room Smear #10)	(1) 57 ± 8	ND	(2, 3) 72000 ± 4000	200000
SN 1589 (Primary Sample Room Smear #11)	(1) < 2	< 20	220 ± 14	467
SN 1590 (Primary Sample Room Smear #12)	(1) 15 ± 4	ND	(2, 3) 32000 ± 4000	90000
SN 1591 (Primary Sample Room Smear #13)	(1) < 2	< 20	579 ± 23	1382
SN 1592 (Primary Sample Room Smear #14)	< 2	< 20	41 ± 6	< 200
SN 1593 (Primary Sample Room Smear #15)	< 2	< 20	93 ± 7	297

Sample ID	Gross Alpha, dpm/smear		Gross Beta, dpm/smear	
	NRC	Licensee	NRC	Licensee
SN 1594 (Primary Sample Room Smear #10-1)	(1) $4 \pm 2$	<20	$7000 \pm 80$	15278
SN 1595 (Primary Sample Room Smear #12-1)	(1) <2	<20	$5160 \pm 68$	11137

- (1) Alpha activity was determined using an alpha scintillation counter, Eberline SAC-4.
- (2) Beta/gamma activity was determined using an Eberline RM-14.
- (3) Values reported by the licensee reflect activity prior to a smear being taken of the original smear. NRC values for SN 1573, 1574, 1575, 1588, and 1590 are not comparable to the licensee's values since a smear of these smears was performed prior to analysis by the NRC laboratory.
- (4) NRC uncertainties are 2 standard deviations.