

**NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL**  
**(TEMPORARY FORM)**

CONTROL NO: 12328

FILE: \_\_\_\_\_

FROM: Florida Power & Light Co. Miami, Fla. 33101 R. E. Uhrig			DATE OF DOC 10-20-75	DATE REC'D 10-24-75	LTR XX	TWX	RPT	OTHER
TO: Mr. O. Parr			ORIG 1 signed	CC	OTHER	SENT NRC PDR <u>XX</u> SENT LOCAL PDR <u>XX</u>		
CLASS	UNCLASS XXXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 5Q-335		

DESCRIPTION: Ltr trans the following:

DISTRIBUTION PER V. WILSON 11-20-75

ENCLOSURES: Reactor Containment Building  
Integrated Leak Rate Test Summary Tech Report  
for St. Lucie Unit 1....

(2 cys rec'd 10-24-75 & 16 addl cys rec'd 11-20-75)

PLANT NAME: St. Lucie Unit 1

**Do Not Remove**

**FOR ACTION/INFORMATION** DHL 11-20-75

BUTLER (L) W/ Copies	SCHWENCER (L) W/ Copies	ZIEMANN (L) W/ Copies	REGAN (E) W/ Copies	REID (L) W/ COPIES
CLARK (L) W/ Copies	STOLZ (L) W/ Copies	DICKER (E) W/ Copies	LEAR (L) W/ Copies	
<b>V. PARR (L) (LTR)</b> W/ Copies	VASSALLO (L) W/ Copies	KNIGHTON (E) W/ Copies	SPIES W/ Copies	
KNIEL (L) W/ Copies	PURPLE (L) W/ Copies	YOUNGBLOOD (E) W/ Copies	<b>V. H. ROOD</b> W/ Copies	

**INTERNAL DISTRIBUTION**

<b>REG FILE</b> <b>WRC-PDR</b> OGC, ROOM P-506A GOSSICK/STAFF CASE GIAMBUSSO BOYD MOORE (L) <b>SE V. DEYOUNG (L) (LTR)</b> SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS TEEDENISE REG OPR FILE & REGION (2) MPC	<b>TECH REVIEW</b> SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO J. COLLINS LAINAS BENAROYA VOLLMER	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER  <b>ENVIRO</b> MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR <b>HARLESS</b>	<b>LIC ASST</b> R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) P. KREUTZER (E) J. LEE (L) M. RUGHBROOK (L) S. REED (E) M. SERVICE (L) S. SHEPPARD (L) M. SLATER (E) H. SMITH (L) S. TEETS (L) G. WILLIAMS (E) <b>V. WILSON (L) (LTR)</b> R. INGRAM (L) M. DUNCAN (E)	<b>A/T IND.</b> BRAITMAN SALTZMAN MELTZ  <b>PLANS</b> MCDONALD CHAPMAN DUBE (Ltr) SERVICE E. COUPE PETERSON HARTFIELD (2) KLECKER TEETS (L) EISENHUT WIGGINTON
--	--	--	--	--

**EXTERNAL DISTRIBUTION**

<b>✓</b> - LOCAL PDR Ft. Pierce, Fla.	<b>✓</b> - TIC (ABERNATHY) (1)(2)(10)	- NATIONAL LABS	<b>PR</b> 1 - PDR-SAN/LA/NY
<b>✓</b> - NSIC (BUCHANAN)	1 - W. PENNINGTON, Rm E-201 GT		1 - BROOKHAVEN NAT LAB
1 - ASLB	1 - CONSULTANTS		1 - G. ULRICKSON ORNL
<b>✓</b> - Newton Anderson	NEWMARK/BLUME/AGBABIAN		
<b>✓</b> - ACRS <b>SENT CATEGORY "B" PER V. WILSON</b>			

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

1 2 3

| Time (min) | Control (%) | 100 $\mu$ M DMSO (%) | 100 $\mu$ M DMSO + 100 $\mu$ M DAPI (%) |
|------------|-------------|----------------------|---|
| 0          | 0           | 0                    | 0                                       |
| 15         | 15          | 85                   | 85                                      |
| 30         | 35          | 80                   | 75                                      |
| 45         | 55          | 75                   | 65                                      |
| 60         | 70          | 70                   | 55                                      |
| 75         | 75          | 65                   | 45                                      |
| 90         | 80          | 60                   | 35                                      |
| 105        | 82          | 55                   | 30                                      |
| 120        | 85          | 75                   | 25                                      |

$\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

$\frac{1}{2} \pi$

[illegible]

$\frac{1}{2} \left( \frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$

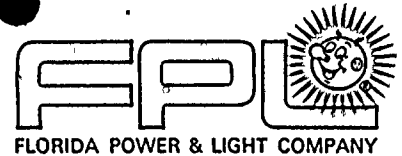
100

The figure consists of two separate line graphs. The left graph plots 'Rate of reaction' on the y-axis against 'Temperature (°C)' on the x-axis. The curve starts at a low rate at 10°C, rises to a peak at 30°C, and then declines at 40°C. The right graph also plots 'Rate of reaction' on the y-axis against 'Temperature (°C)' on the x-axis. This curve shows a steep, exponential increase in the rate of reaction as temperature rises from 10°C to 30°C, and then the rate levels off or plateaus at 40°C.

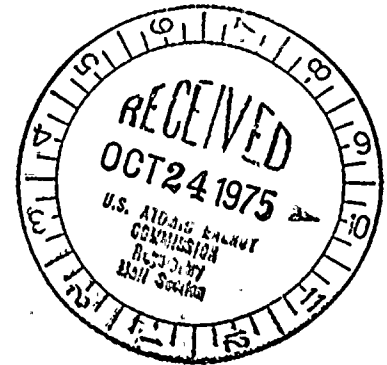
11

1990

$\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

Regulatory Docket FileOctober 20, 1975  
L-75-510

Director of Nuclear Reactor Regulation  
ATTN: Mr. Olan D. Parr, Chief  
Light Water Reactors  
Project Branch 1-3  
Division of Reactor Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555



Dear Mr. Parr:

Re: Reactor Containment Building Integrated Leak  
Rate Test, St. Lucie Unit No. 1, Docket No. 50-335

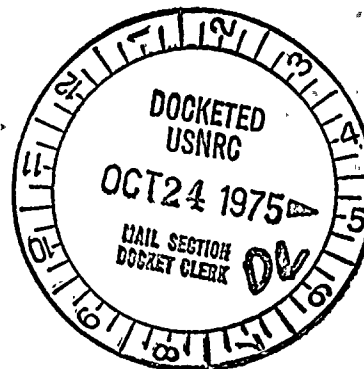
The integrated leakage rate test for St. Lucie Unit No. 1 was completed during July, 1975. A summary technical report of the test results is herewith submitted in accordance with Appendix J, 10 CFR 50.

Yours very truly,

Robert E. Uhrig  
Vice President

REU:nch  
Attachment

cc: Mr. Donald F. Knuth  
Mr. Norman C. Moseley  
Jack R. Newman, Esq.

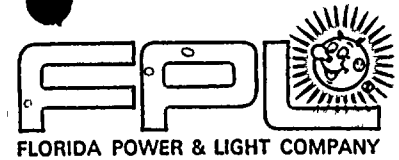


12328



DIRECTOR FACILITIES BRANCH  
FILE COPY

P. O. BOX 013100, MIAMI, FLORIDA 33101



October 3, 1975  
L-75-474

Mr. Norman C. Moseley, Director  
Office of Inspection and Enforcement, Region II  
U. S. Nuclear Regulatory Commission  
230 Peachtree Street, N. W., Suite 818  
Atlanta, Georgia 30303

Dear Mr. Moseley:

Re: Possible 10 CFR 50.55 (e) items -  
Leaking Field Welds on Lines  
1-SI-229 and 1-SI-238 50-335

As an interim report on the subject possible 10 CFR  
50.55 (e) items, we wish to advise you that the matter  
is still under investigation by our A-E/constructor.  
We expect that a report on these items can be forwarded  
by October 31, 1975.

Yours very truly,

Robert E. Uhrig  
Vice President

REU:tg

cc: Jack R. Newman, Esquire

5 0840

m-2  
FPL

OCT 6 10 18 AM '75

U.S. DEPT. OF JUSTICE  
REGULATORY RELATIONS  
DIVISION  
ATLANTA, GA.