

50-315

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

TO: Mr Keppler

FROM: American Elec Pwr Service Co
New York, NY
R S Hunter

DATE OF DOCUMENT 10-29-76

DATE RECEIVED 11-15-76

☒ LETTER
☐ ORIGINAL
☒ COPY☐ NOTORIZED
☒ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED
one signed

DESCRIPTION

Ltr trans the following:

NOTE: ADDL CYS ARE BEING HELD IN
DOCKET SECTION.

PLANT NAME: Cook #1

566.
Rpb

ENCLOSURE

Supplement to Startup Test Report for DC
Cook #1.....(55 cys encl rec'd)**DO NOT REMOVE**
ACKNOWLEDGED

SAFETY

FOR ACTION/INFORMATION

ENVIRO 11-15-76

ehf

ASSIGNED AD:		ASSIGNED AD:
BRANCH CHIEF:	Ziemann (5)	BRANCH CHIEF:
PROJECT MANAGER:	Fletcher	PROJECT MANAGER:
LIC. ASST.:	Diggs	LIC. ASST.:

INTERNAL DISTRIBUTION

REG FILE	SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY &
NRC PDR	HEINEMAN	TEDESCO	ENVIRO ANALYSIS
I & E (2)	SCHROEDER	BENAROYA	DENTON & MULLER
OELD		LAINAS	
GOSSICK & STAFF	ENGINEERING	IPPOLITO	ENVIRO TECH.
MIPC	MACCARRY	KIRKWOOD	ERNST
CASE	KNIGHT		BALLARD
HANAUER	SIHWEIL	OPERATING REACTORS	SPANGLER
HARLESS	PAWLICKI	STELLO	
			SITE TECH.
PROJECT MANAGEMENT	REACTOR SAFETY	OPERATING TECH.	GAMMILL
BOYD	ROSS	EISENHUT	STAPP
P. COLLINS	NOVAK	SHAO	HULMAN
HOUSTON	ROSZTOCZY	BAER	
PETERSON	CHECK	BUTLER	SITE ANALYSIS
MELTZ		GRIMES	VOLLMER
HEITEMES	AT & I		BUNCH
SKOVHOLT	SALTZMAN		J. COLLINS
	RUTBERG		KREGER

EXTERNAL DISTRIBUTION

CONTROL NUMBER

LPDR: St Joseph, MI	NAT LAB:	BROOKHAVEN NAT. LAB	
TIC:	REG. VIE	ULRIKSON (ORNL)	
NSIC:	LA PDR		
ASLB:	CONSULTANTS		
ACRS 16 CYS HOLDING/SEN	AS CAP 15 11-15-76		11591 msc 2

1990

Figure 1 shows a 2D hexagonal lattice structure. A central atom is labeled 'A'. To its right is an atom labeled 'B'. Above the central atom is an atom labeled 'C'. Below the central atom is an atom labeled 'D'. To the left of the central atom is an atom labeled 'E'. To the right of the central atom, there is a dashed line segment labeled 'a' representing the lattice constant. To the left of the central atom, there is a dashed line segment labeled 'b' representing the lattice constant. The lattice is shown as a portion of a larger hexagonal structure.

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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) $\{A_n\}$ is a sequence of positive integers such that $A_n \leq A_{n+1}$ and $A_n \leq A_{n+1}$ for all n . (2) $\{A_n\}$ is a sequence of positive integers such that $A_n \leq A_{n+1}$ and $A_n \leq A_{n+1}$ for all n .

— *Journal of the American Medical Association*, 1997

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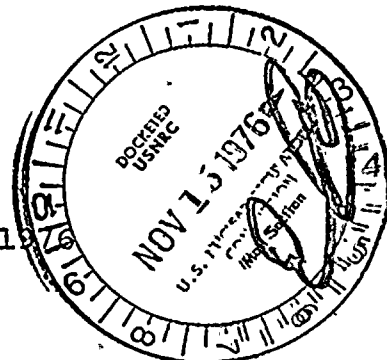
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AMERICAN ELECTRIC POWER Service Corporation



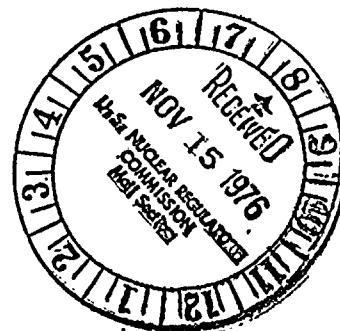
2 Broadway, New York, N. Y. 10004
(212) 422-4800

ROBERT S. HUNTER
Vice President-Nuclear Engineering

October 29, 1976



Donald C. Cook Nuclear Plant Unit No. 1
Startup Test Report
Docket No. 50-315
License No. DPR-58



Mr. J. G. Keppler, Regional Director
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

In compliance with Regulatory Guides 1.16 and 10.1, we are sending you two (2) copies of the second supplement, dated September 23, 1976, to our Startup Test Report for the Donald C. Cook Nuclear Plant Unit 1. This covers the startup testing at power levels up to and including 100% of rated thermal power. The completed tests included in this report are:

- Steam generator moisture carryover testing
- Loose parts monitoring
- Power range nuclear instrumentation noise measurements
- Power coefficient measurement
- 10% step decrease from 100%
- 50% ramp decrease (5%/minute) from 100%
- Turbine trip from 100%

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October 29, 1976

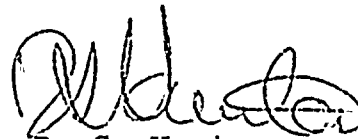
Tests yet to be completed are:

Generator trip from 100%
Full load rejection testing from 50% & 100%

The results of these will be transmitted in a subsequent report.

Twenty-five (25) copies are being sent to Dr. Ernst Volgenau, Director, Office of Inspection and Enforcement. Two (2) copies are being sent to Mr. W. G. McDonald, Director, Office of Management Information and Program Control. Thirty (30) copies are also being sent to Mr. M. H. Fletcher, Licensing Project Manager for the Donald C. Cook Nuclear Plant Unit No. 1, Directorate of Licensing.

Very truly yours,



R. S. Hunter

Vice President-Nuclear Engineering

RSH:mam

cc: E. Volgenau, Director, I.E. (25)
W. G. McDonald, Director, M.I.P.C. (2)
M. H. Fletcher (30)
G. Charnoff (1)
R. C. Callen (1)
R. J. Vollen (1)
P. W. Stelettee (1)
R. Walsh (1)
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