

FILE NAME: Pratt & Whitney (PW)

DATE: 1949

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DEPOSITION EXHIBITS

NEWTON KETCHAM

DECEMBER 8, 9, 1992

TRC 10424

INDUSTRIAL HYGIENE 1c, 1d, and 472

*Revised as*

February 7 -- May 6, 1949

|              |      |                                                                                  |                                                                                                                       |
|--------------|------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| February 7 ✓ | 2:00 | Drinker                                                                          | Administration, reports                                                                                               |
|              | 3:00 | Hardy, Dr. Harriet                                                               | State control                                                                                                         |
| 9 ✓          | 2:00 | Williams                                                                         | Insurance Company control                                                                                             |
|              | 3:00 | Wilkins, Dr. Geo.F.<br>N.E.Tel. & Tel.                                           | The Function of an Industrial<br>Medical Department                                                                   |
| 11 ✓         | 2:00 | Lindberg, B.A.,<br>Asst. Prof.                                                   | Management, structure, personnel                                                                                      |
|              | 3:00 | Sch.Bus.Admin.<br>Goldmann, F.                                                   | Prepayments plan for medical<br>care in industry                                                                      |
| 14 ✓         | 2:00 | Healy, J.J. Asst.<br>Prof., Ind'l.Rela.<br>Sch.Bus.Admin.                        | Labor Problems                                                                                                        |
|              | 3:00 | Wilkins                                                                          | Cont'd. from February 9                                                                                               |
| 16 ✓         |      | FIELD TRIP                                                                       | Physicians to N.E.Tel. & Tel.<br>Engineers to Loss Prevention<br>Dept. of Liberty Mutual Ins.<br>Co., Berkeley Street |
| 18 ✓         | 2:00 | Healy                                                                            | Cont'd. from February 14                                                                                              |
|              | 3:00 | Drinker                                                                          | Non-ferrous metals                                                                                                    |
| 21 ✓         | 2:00 | Lisco, Dr. Herman<br>Atomic Energy Com'n.                                        | Toxicological problems in<br>atomic energy                                                                            |
|              | 3:00 | Seeler                                                                           | Metal poisoning                                                                                                       |
| 23 ✓         |      | FIELD TRIP                                                                       | Perrine Quality Products Corp.<br>Waltham, Mass.                                                                      |
| 25 ✓         | 2:00 | Price, Dr. Leo, Dir.<br>Union Health Center<br>Garment Workers Union<br>New York | Overall medical care of the<br>worker                                                                                 |
|              | 3:00 | McFarland                                                                        | Human factors in design of<br>equipment and the control<br>of accidents                                               |
| 28 ✓         | 2:00 | McFarland                                                                        | Cont'd. from February 25                                                                                              |
|              | 3:00 | Chapman, A.M.<br>Safety Supvr.<br>Pratt & Whitney Co.<br>Hartford, Conn.         | Safety Engineering & Industrial<br>Health                                                                             |
| March 2 ✓    |      | FIELD TRIP                                                                       | Lever Bros., Cambridge, Mass.                                                                                         |

1949  
Howard  
IH  
Course

NK0006

In a search for jewelry you might find 25% reduction. Easy to get down to 15% off to get them 25% off.

*[Faint handwritten notes at the bottom of the page]*

discovered in the late 1720s in the valley of the river

*Difficile in calceis*

things - due to short life of the experimental animals.

Can do for short season by injecting animals intraperitoneally

Das do gar schicklich ist. Der Herr  
A. entzogen sich. D. P. hat die  
1. te min. gett. 1. te min. 1. te min.

and (3) the unknown - determine relative effect on lymph

nodes.

*Askestas* - only about 1/10 as many potential exposures as the other.

Arborea is a general term for fibrous rock - largely <sup>the</sup> delicate

May be due to irritation of 70-80% fibers in terminal bronchioles

May be due to irritation of 10-15% from ammonia  
Fibers in boxes 11-2 to 11-3 of heavy - fibers become coated with wax

isaria in lower 1/2 to 1/3 of bag - fibers become loose in lower 1/2 - 1/3 of bag - imitation - coated fibers are curious looking - others

and no further irritation - coated fibers are various sorts - some  
 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. 841. 842. 843. 8

appearances in spectrum confusing but do not diagnose riboflavin  
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incubation 4-6 years following heavy exposure - course rapid & fulminant with malnutrition & cachexia

Incubation 4-5 days generally  
downhill as diffuse fibrin interferes with respiration. each stage

minimam Therapia (For Siderosis)

not established for man - there is subjective improvement

have not established for man - there is no evidence on mechanism  
Some functions are just  $\text{SiO}_2$  solubility and fibrotic changes are

from breathing any dust.  $\text{SiO}_2$  solubility and fibrotic changes are  
not related to  $\text{SiO}_2$ . You now say Al may predispose to T.B.

reduced in animals. Gardner says Al may predispose to I.B.

Explosions: - primary followed by secondary. Don't get with hand

al - do get with soft coal, flour starch, cocoa, aluminium powder

al - do get with soap dust,  $\text{CaMgCO}_3$ ,  $\text{CaCO}_3$ ,  $\text{CaSO}_4$   
soap dust, wood flour, Dolomite, calcite, gypsum, limestone.

soap dust wood flour. Volatile, carbon, gypsum, ammonium  
inhibit dust explosions (dilution effect) - and don't cause

inhibit dust explosions (dilution effect) - and alone cause silicosis

silicosis  
the most fatal more by inhalation than ingestion

Topic: Dusts - usually manifested more by inhalation than ingestion.

sies - pollens, fragments of fungus under bark of maple logs) -

fungus may give chest & Ray similar to sclerosis

ensation. Prior to workman's compensation employers had

insurance. Prior to World War II compensation for injuries had  
three defenses under code of Neapolitan