

N371. Nuclear Plant Reliability Data System (NPRDS): A Tool For Success

Nuclear Plant Reliability Data System (NPRDS) is a computer database of engineering and failure data on components installed in U.S. nuclear plants. Introduced in the middle-1970s, it allows the nuclear industry to compare component performance, analyze failures and find nuclear plants with similar equipment. The database includes 160,000 failure reports on more than 660,000 components.

Institute of Nuclear Power Operations (INPO) took over NPRDS management in 1982, and has made a number of enhancements to improve its usefulness and reliability. NPRDS is the only industrywide component database currently available to all utilities.

For more, "NPRDS: A Tool for Success," pp.17-20, The Nuclear Professional, Spring 1995. For further information, contact Earl Schimmel, NPRDS coordinator, Cook, Phone: 616/465-5901, ext. 1402.