

PACKAGE ID - 000651IPCXT00 ESPSD

KWIC TITLE - Early Site Permit Demonstration Program:
Nuclear Power Plant Siting Database

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LIMITATION CODE -UNL **AUDIENCE CODE** - UNL

COMPLETION DATE - 03/01/1993 **PUBLICATION DATE** - 03/01/1993

DESCRIPTION - This database is a repository of comprehensive licensing and technical reviews of siting regulatory processes and acceptance criteria for advanced light water reactor (ALWR) nuclear power plants. The program is designed to be used by applicants for an early site permit or combined construction permit/operating license (10CFRR522, Subparts A and C) as input for the development of the application. The database is a complete, menu-driven, self-contained package that can search and sort the supplied data by topic, keyword, or other input. The software is designed for operation on IBM compatible computers with DOS.

PACKAGE CONTENTS - Media Directory; Software Abstract; User's Manual;
Media Includes Executable;

SOURCE CODE INCLUDED? - No

MEDIA QUANTITY - 2 3.5 Diskettes

METHOD OF SOLUTION - The database is an R:BASE Runtime program with all the necessary database files included.

COMPUTER - IBM PC/XT

OPERATING SYSTEMS - MS/DOS or PC-DOS 3.0 or higher

PROGRAMMING LANGUAGES - Not Applicable, only executable files included

SOURCE CODE AVAILABLE (Y/N) - N

UNIQUE FEATURES - This is the only software database available on regulatory requirements and acceptance criteria for siting nuclear power plants. It is a product of the Early Site Permit Demonstration, a joint nuclear industry/DOE program.

HARDWARE REQS - 640K RAM minimum, 500K minimum available for operation of all modules. Printer files for HP LaserJet and Epson supplied. Any mouse compatible with the Microsoft mouse standard can be used. 15MB available hard disk space required (estimated).

TIME REQUIREMENTS - Computer search times are a few seconds or less, depending on data requested.

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ENERGY SCIENCE & TECHNOLOGY SOFTWARE CENTER
SOFTWARE ABSTRACT

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TIME REQUIREMENTS - (CONT)

REFERENCES - Early Site Permit Demonstration Program; Regulatory
Criteria Evaluation Report, SNL/NM/699795--3, 1993.

ABSTRACT STATUS - Submitted February 1994. Released AS-IS February 6,
1995.

SUBJECT CLASS CODE - MD

KEYWORDS -

COMPUTER PROGRAM DOCUMENTATION
E CODES
DATA BASE MANAGEMENT
REACTOR LICENSING
WATER COOLED REACTORS
SITE SELECTION

EDB SUBJECT CATEGORIES -

990200 210700 220501

SPONSOR - DOE/NE

PACKAGE TYPE - AS - IS