

PACKAGE ID - 000593IBMPC00 GTIPS

KWIC TITLE - Greater Than Class C Tracking, Inventory and
Projections System

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

COMPLETION DATE - 12/01/1992 **PUBLICATION DATE** - 01/01/1993

DESCRIPTION - The GTIPS was developed as part of the National Low-Level Waste Management Program's effort to characterize GTCC waste. The primary purpose of this system is to store the Energy Information Administration's (EIA) 1985 survey information (as well as future surveys by the program) in a central location; retrieve data with specific attributes or logical combinations of attributes; generate output in a textual or tabular form to aid in the preparation of reports and other documents required by the user; project a trend of disposal GTCC volumes and activities into the future to aid the user in decision making for the storage and disposal of GTCC waste.

PACKAGE CONTENTS - Media Directory; Software Abstract; DOE/LLW-155 Rev.1; Media Includes Source Code;

SOURCE CODE INCLUDED? - Yes

MEDIA QUANTITY - 1 3.5 Diskette

METHOD OF SOLUTION - Included in this system is code written in the C computer programming language. This code performs radioactive decays on the GTCC waste data.

COMPUTER - IBM PC

OPERATING SYSTEMS - SCO-Uinx

PROGRAMMING LANGUAGES - Oracle SQL*Forms 3.0 (95%), C (5%)

SOFTWARE LIMITATIONS - The number of users is limited by the number of users for which the Oracle product is licensed.

SOURCE CODE AVAILABLE (Y/N) - Y

UNIQUE FEATURES - Performs the decay of radionuclides in the projection of activities to the future.

OTHER PROG/OPER SYS INFO - Reports have the file extension of .TXT, the source for the forms have the extension of .INP, form executables

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OTHER PROG/OPER SYS INFO - (CONT) have the file extension .FRM, and the C code has the extension of .PC.

HARDWARE REQS - It is recommended that the hardware to run the GTIPS on have at least a 16 mhz processor and 80 mg hard disk space.

TIME REQUIREMENTS - Depending on the volume of data, the reports and projections can take hours to run.

REFERENCES - M.T. Magleby and J. Frasure, Greater-Than-Class C Tracking, Inventory, and Projection System (GTIPS) Users Manual, DOE/LLW-155 Rev.1, January 1993.

ABSTRACT STATUS - Submitted June 1993. Due to ESTSC not having Oracle on a Unix machine, released AS-IS September 10, 1993.

SUBJECT CLASS CODE - MG

KEYWORDS -

COMPUTER PROGRAM DOCUMENTATION
G CODES
LOW-LEVEL RADIOACTIVE WASTES
DATA BASE MANAGEMENT
C CODES
DAUGHTER PRODUCTS
DECAY
DECONTAMINATION
FUEL CYCLE
INFORMATION SYSTEMS
INVENTORIES
MICROCOMPUTERS
NUCLEAR POWER PLANTS
RADIOACTIVITY
REACTOR COMPONENTS

EDB SUBJECT CATEGORIES -

990200 052000 990300

SPONSOR - DOE/RW

PACKAGE TYPE - AS - IS