

PACKAGE ID - 001209IB48600 CALNETP

KWIC TITLE - Calorimetry Network Program

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LIMITATION CODE -COPY **AUDIENCE CODE** - LIM

COMPLETION DATE - 01/01/1997 **PUBLICATION DATE** - 01/01/1997

DESCRIPTION - This is a Windows NT based program to run the SRTC designed calorimeters. The network version can communicate near real time data and final data values over the network. This version, due to network specifics, can function in a stand-alone operation also.

PACKAGE CONTENTS - Media Directort; Software Abstract; Media Includes Source Code;

SOURCE CODE INCLUDED? - Yes

MEDIA QUANTITY - 1 3.5 Diskette

METHOD OF SOLUTION - Development

COMPUTER - IBM PC 486

OPERATING SYSTEMS - Windows NT 3.51

PROGRAMMING LANGUAGES - Na

SOFTWARE LIMITATIONS - Windows NT 3.5, untested on version 4 or newer.

SOURCE CODE AVAILABLE (Y/N) - Y

UNIQUE FEATURES - This software package has the ability to control the SRTC calculations. This software has the ability to transmit near real time values over the network. This software has the ability to transmit data values over the network. This software has the ability to control the calorimeter over the network.

RELATED SOFTWARE - WinRT V2.0 or better by Blue Water Systems (used as generic driver for Burr Brown digital to analog computer card)

HARDWARE REQS - CEC IEEE 488 communications board, Burr Brown D/A board, HP multimeters, and SRTC calorimetric design.

TIME REQUIREMENTS - Due to calorimeter design, resultant measurement time varies (hours).

REFERENCES - No formal documentation

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ENERGY SCIENCE & TECHNOLOGY SOFTWARE CENTER
SOFTWARE ABSTRACT

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ABSTRACT STATUS - Released AS-IS 4/22/1998

SUBJECT CLASS CODE - M

KEYWORDS -

COMPUTER PROGRAM DOCUMENTATION
C CODES
CALORIMETRY

EDB SUBJECT CATEGORIES -

990200

SPONSOR - DOE/ER

PACKAGE TYPE - AS - IS