

**PACKAGE ID** - 000310I036000 ORCON1

**KWIC TITLE** - Stream Condenser Circular Cross Section

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

**COMPLETION DATE** - 07/01/1973   **PUBLICATION DATE** - 07/01/1973

**DESCRIPTION** - ORCON1 is a program for design or metric study of steam condensers whose tubes form a horizontal bundle of circular or semicircular cross section with central void. Baffles and a cooler section may be provided as options. The output shows steam conditions at each row.

**PACKAGE CONTENTS** - Media Directory; Software Abstract; ORNL-TM-4248;

**SOURCE CODE INCLUDED?** - Yes

**MEDIA QUANTITY** - 1 CD Rom

**COMPUTER** - IBM360

**OPERATING SYSTEMS** - DOS

**PROGRAMMING LANGUAGES** - FORTRAN IV

**SOFTWARE LIMITATIONS** -

**SOURCE CODE AVAILABLE (Y/N)** - Y

**HARDWARE REQS** - IBM-360, 150 K core volume, (114 K with appropriate overlay). No tapes, discs, drums or data cells are required.

**REFERENCES** - J.A. Hafford, ORCON1: A FORTRAN Code for the Calculation of A Steam Condenser of Circular Cross Section.

**ABSTRACT STATUS** - Submitted 07/19/89

**SUBJECT CLASS CODE** - TH

**KEYWORDS** -

COMPUTER PROGRAM DOCUMENTATION  
O CODES  
STEAM CONDENSERS  
PARAMETRIC ANALYSIS  
DESIGN  
HEAT TRANSFER

**EDB SUBJECT CATEGORIES** -  
990200 420400

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SOFTWARE ABSTRACT

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**SPONSOR** - DOE/NE

**PACKAGE TYPE** - SCREENED