

The Heat Emission of Mercury and Magnesium Amalgams
on Boiling Under the Conditions of a Free Convection,
by M. I. Korneyev, 18 pp. FOR OFFICIAL USE ONLY
RUSSIAN, per, Teploenerget, SSSR, Vol II, No 4, 1955,
pp 18-28. 9697238

FSTC 381-T64-110

AEC BNW 83 P911098466

Sci - Phys
Jul 65

284,2:6

Method of Selecting Schemes and Parameters for
Gas Turbine Plants Having Regard to the
Interrelation of Limiting Power and Maximum
Efficiency, by A. v. Sharovskiy.

RUSSIAN, per; Teploenergetika, [#]Vol IV, 1955,
pp 32-37.

T.I.L. T.4664

Sci - Engineering, Fuels 35,696

Jun 1956

The Gas Turbine and Prospects of its Use for
Power and Transport, by V. v. Urazov.

RUSSIAN, par, Teploenergetika, Vol IV, 1955,
pp 3 - 9. *CIA 9033793 C*

T.I.L. T.4665

Sci - Engineering, Fuels *35,697*

Jun 1956

Combustion and Separation of Particles of Fuel in
a Cyclic Furnace, by I. P. Babina et al.

RUSSIAN, per, Teplenergetika, No 5, 1955,
pp 17-21.

Co-Op Tr Sch No 178
128.63. (58.03.)

Sci - Fuels

39, 317

Styrikovich, M. A. and Katkovskaya, K. Ya.
CONTROL OF SILICA CONTENT IN SATURATED AND
SUPERHEATED HIGH-PRESSURE STEAM [1964] [8p]
3 refs C. E. Trans. 3124.
Order from OTS, SLA, or ETC \$1.10 TT-64-15272

Trans. of Teploenergetika (USSR) 1955, v. 2, no. 5,
p. 34-37.

(Engineering--Mechanical, TT, v. 11, no. 12)

TT-64-15272

- I. Styrikovich, M. A.
- II. Katkovskaya, K. Ya.
- III. CE-Trans-3124
- IV. Central Electricity
Generating Board,
London (England)

Office of Technical Services

Selection of Efficient Water Treatment Systems
For High- And Superhigh-Pressure Bent-Tube
Boilers, by M. S. Shirob, I. M. Sokolov.

TEPLAENERGETIKA
RUSSIAN, per, ~~1955~~, Vol II, No 5, 1955, pp 33-
44.

ATB 36K25R
BJ-1523

Sci
May 59

67, 262

Application of the Theory of a Free Jet in
A Stream Travelling in the Same Direction to
the Calculation of Equipment Using Jets, by
A. G. Polyushkov.

RUSSIAN, per, Teploenergetika, No 6, 1955,
pp 16-17.

Coop Trans Scheme Tr 212
16s.0d. 36,396

Sci - Aeronautics, Engineering

Jul 1956

Experimental Investigation of Heat Exchange in
Boating Chambers, by S. S. Filimonov.

RUSSIAN, per, Teploenergetica, Vol II, No 7, 1955,
p. 30.

May 2045/T-69

Sci - Engr
Mar 59

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Temperature Variations in High Pressure Boiler
Drums and Their Treatment, by I. A. Meshchaninov,
G. F. Machnik. UNCL

RUSSIAN, per, Teploenergetika, No 8, 1955,
pp 44-48.

DSIR LLU (loan) M.367

Sci - Phys
Jul 59

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An Investigation of Salt Carry Off by Steam Using
Radioactive Isotopes, by A. A. Andreyevskiy,
Yu. V. Zenkevich, 18 pp.

RUSSIAN, per, Tsploenergetika, Vol II, No 9, 1955,
pp 37-42.

AEC UCRL-Trans-501(L)

Sci - Nuc Phys
9 Jan 61
List 46

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Approximate Method for Calculating Losses in
Turbine Blading, by L. N. Eysina-Molozhen.

RUSSIAN, no per, Teploenergetika, No 9, 1955,
pp 43-47.

Co-Op Trans Sch Tr 291

&2.

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Sci - Engineering

On the Influence of Ammonia Compounds on the
Method of Working and Corrosion of Steam
Powered Equipment, by D. S. Shevtsov,

RUSSIAN, per, Teploenergetika, No 9, 1955,
pp 48-51.

ASLIB-GB 114 No 91

Sci

Aug 58

69, 794

Investigation of the Combustion of Coal-Dust
Suspensions in Air at Increased Pressures, by
V. M. Tretyakov, 21 p.
RUSSIAN, per, Teploenergetika, Vol II, No 10,
1955, pp 38-45.
NLI RTS-2981

Sci-Prop & Fuels
Jul 66

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(PDB 28534)

Fiftieth Anniversary of the Moscow Power Engineering
Institute imeni Molotov, by M. P. Vukalovich, 7 pp.

RUSSIAN, no par, Toploenergetika, No 12, Moscow, Dec
1955, pp 52, 53.

CIA ADD U-5775

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USSR

Econ - Technical

Sci - Engineering

Oct 56

New Tables of the Basic Values of Specific Volume,
Specific Heat, and Enthalpy of Water and Steam at
High Pressure, by V. A. Kirillin, et al.

RUSSIAN, per, Teploenergetika, No 1, 1956, pp 16-21.

NIL RTS 2056

Sci - Ingr

Aug 62

201, 144

Experimental Values for the Separate Flow of a
Steam-Water Mixture in a Straight Horizontal
Tube, by S. I. Kosterin et al.

RUSSIAN, per, Teplotenergetika, No 1, 1956, pp 22-25.

Co-Op Trans Sch Tr 345
£1.12s.

Sci - Engr
Jul 57

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On the Method of Extrapolation of Creep Test
Data, by V. S. Ivanova, 6 pp.

RUSSIAN, per, Yeploennergstika, No 1, 1956, pp 26-28.

Sci Mus Lib Tr 57/1669

Sci - Engr
Nov 57

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Certain Data on the Temperature Region of Vertical
Boiler Pipes at Near-Critical Pressures, by M. A.
Styrikovich, M. E. Shitsman, Z. L. Miroopol'skiy,
10 pp.

RUSSIAN, per, Teploenergetika, Vol III, 1956,
pp 32-36.

Morris D. Friedman
Tr S-124

May 58

63,892

Kalafati, D. D.
THERMODYNAMIC ANALYSIS OF STEAM-TURBINE
PLANT CYCLES WITH RESUPERHEATING
(Termodinamicheskiy Analiz Tsiklov Paroturbinnnykh
Ustanovok s Promezhutochnym Peregrevom). Jan 61,
26p. 5 refs. RTS 1703.
Order from LC or SLA mi\$2.70, ph\$4.80 61-15717

Trans. of Teploenergetika (USSR) 1956 [v. 3] no. 3,
p. 39-47.

An analytical expression for the efficiency of the
regenerative cycle of the steam-turbine plants with
resuperheating is obtained for an ideal cycle, taking
into account the internal relative efficiencies. The
relation between the optimum temperature of the
regenerative heating in the low-pressure part of the
turbine and the cycle parameters is considered. The
condition for the thermodynamically most suitable
initial resuperheating temperature is given. (Author)

(Physics--Thermodynamics, TT, v. 5, no. 8)

61-15717

- I. Steam turbines--
Temperature
- I. Kalafati, D. D.
- II. RTS-1703
- III. Department of Scientific
and Industrial Research
(G. Brit.)

151667

Office of Technical Services

Effect of Non-Isothermal Field on Aerodynamic Flow
in the Cyclone Furnace, by L. A. Vulis, B. P.
Ustimenko. U.S.S.R.

RUSSIAN, per, Teplotengetika, Vol III, No 4,
1956, pp 36-39.

DSIR LIU (loan) N.430

Sci - Phys
Aug 59

94, 875

Investigation of Heat Exchange Phenomena in
Horizontal Tubes During Flow of a Steam-Liquid
Mixture, by M. I. Korneyev, B. E. Paganov. UNCL

RUSSIAN, per, Teploenergetika, No 6, 1956,
pp 39-44.

AEC BNL Tr-128

F911192767

DSIR LIJ RES 1173

(15s. 03.)

Sci - Engr
Apr 60

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Some Problems of Heat Exchange and Frictional
Resistance in Turbulent Flows, Pt. II, by
S. S. Kutateladze, 15 pp.

RUSSIAN, per, Teploenergetika, No 7, 1956,
pp 40-45. 9206090.

AEC/AEHE Tr 921

Sci - Phys

May 63

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Experimental Investigation of the Specific Heat of
Steam in the Sub-Critical Region, by A. M. Sirota,
D. L. Timrot.

RUSSIAE, per, Teplotennergotika, No 7, 1955,
pp 16-23.

ELL NRS 1964

Sci - Engr

Jul 62

204,843

Design of Supercritical Once-Through Boilers,
by K. A. Rakov.

RUSSIAN, per, Teploenergetika, Vol III, No 8,
1956, pp 3-10.

NLL Ref: 9022.09 1963 (3225) (loan)

May 64

Results of Thermochemical Tests on a Once-
Through Boiler at 215 and 300 Atm, by
Yu. M. Kostrikin, Yu. O. Novi.

RUSSIAN, per, Teploenergetika, Vol III, No 8, 1956
1956, pp 10-13.

NLL Ref: 9022.09 1963 (3226) (loan)

May 64

Intensive Gasification of Solid Fuel for Gas
Turbine Plants, by Kh. I. Kolodtsev, V. I.
Babii. UNCL

RUSSIAN, per, Teploenergetika, Vol III, No 9,
1956, pp 18-24.

DSIR LIU (loan) M.405

Sci - Fuels
Aug 59

94, 844

Transformation of the Chemical Energy of Fuel Into
Electrical Energy in Fuel Cells, by A. G.
Pshenichnikov, 20 pp.

RUSSIAN, per, Teploenergetika, No 10, 1956,
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ATIC MCL-401

Sci-Electron

May 61

150, 181

me Recommendations on the Design of Boilers With
Natural Circulation for Super-High Steam Parameters,
by V. A. Lokshin, et al.

RUSSIAN, per, Teploenergetika, No 11, 1956,
pp 3-9.

Co-op Tr Sch Tr 408

Sci - Engr
Mar 58

59,374

Dynamic Characteristics of Once-Through Boilers, by
A. A. Davidov, et al.

RUSSIAN, per, Teploenergetika, No 11, 1956,
pp 19-24.

Co-op Tr Sch Tr 409

Sci - Engr
Mar 58

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On Schemes for Automatic Combustion Control
Employing an Oxygen Meter, by V. D. Mironov.
UNCL

RUSSIAN, per, Teploenergetika, No 11, 1956,
pp 25-29.

Co-op Tr Scheme 355

Sci - Engr
Jul 59

90, 166

Research on a Highly Rated Gas Producer for Gas
Turbine Plants, by Kh. I. Kolodtsev, I. P.
Orel'chenko. UNCL

RUSSIAN, per Teploenergetika, Vol III, No 11,
1956, pp 37-42.

DSIR LIU (loan) M.408

Sci - Fuels; Engr
Aug 59

94, 851

The Solubility of NaCl at 110 atm. in the
Superheated Steam of Continuous Coil Boilers,
by G. I. Alesnikov, Yu. M. Kostrikin, Yu. O.
Novi, V. A. Taratuta. USSR

RUSSIAN, per, Teploenergetika, Vol III, No 12,
1956, pp 10-14.

DSIR LIU (loan) M.418

Sci - Chem
Aug 59

94, 873

Technological Properties of Strongly Basic Ansonites,
by A. H. Frokhorova.

RUSSIAN, per, Toploenergetika, Vol III, No 12, 1956,
pp 14-20.

ATB 3K25R
BJ-1522
1

Sci
May 59

87,260

Measurement of Pulverized Coal Flow in an
Air Stream, by P. A. Antikain. UNCL

RUSSIAN, per, Teploenergetika, Vol III, No 12,
1956, pp 35-37.

DSIR LIJ M.554

(loan)

Sci - Engr
Feb 60

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The Questions of Thermo-Dynamic Analysis of the
Combined Gas-Steam Installations, by D. P.
Gohshtein.

RUSSIAN, per, Teploenergetika, Feb 1957.

Primary Sources
\$7.20

Sci - Physics
Jul 57

50,456

Control System of a New Series of Medium-
Capacity Turbines, by M. G. Berenshtein, et al.

RUSSIAN, per, Teploenergetika, No 1, 1957,
pp 3-8.

MLL M. 3587

Sci - Engr

207.190

Jul 62

New Type of Cyclone Steam Separator, by

G. M. Ivanova.

RUSSIAN, per, Teplotengetika, Vol 4, No 1, 1957

pp 17-20.

AEC Risley tr 1116 (on Loan)

NLL

Sci/Mechan, Indust, Civil

and Marine Engr

Nov 66

311,618

Condensation of Water Vapour From
a Moving Steam Air Mixture.
RUSSIAN, per, Teploenergetika,
1957, Vol 4, No 1, pp 42-45.
NLL 9022.09 1964 (2952) (On Loan)

Aug 65

286,493

Investigation of the Solubility of Salts in Steam
at Supercritical Parameters, by M. A. Styrikovich,
et al. UNCLASSIFIED

RUSSIAN, per, Teploenergetika, No 2, 1957, pp 3-7.

Co-op Tr Sch 592

Sci - Chem

Mar 59

(Handwritten) M. 455

82,412

C.E. **FACTORS LEADING TO DUST EXPLOSIONS IN NATURAL**
Trans. **FUELS**
5515 S.L. Shagalova
 Teploenergetika, Vol. 4, pp. 16-20
 (Feb. 1957)
 (Digest, Vol. 9, abstract 1089)

Improvement of Power Station Economy by Fuel
Drying, by N. M. Mikhaylov. UNCL

RUSSIAE, per, Teploenergetika, Vol IV, No 2, 1957,
pp 20-23.

DSIR LLJ (loan) M.456

USSR
Econ
Sep59

95, 878

Thermodynamic Study of District-Heating Plants,
by A. I. Andryushchenko.
RUSSIAN, per, Teploenergetika, No 2, 1957, pp 45-49.
AEC-Risley Tr 774

Sci
mar 65

Investigation of the Quality of Steam at a Pressure
of 185 atm., by L. S. Sterman, et al.

RUSSIAN, per, Teploenergetika, No 3, 1957,
pp 17-22.

DSIR LLU RTS 1622

Sci - Engr

Oct 60

130,728

Results of Operating the VTI Experimental Once-
Through Boiler Installation at 300 Atm and 600°C,
by K. A. Rakov, et al.

RUSSIAN, per, Teploenergetika, No 3, 1957, pp 22-26.

Co-op Tr Sch Tr 412

Sci - Engr
Mar 58

59,357

Properties of Steel EI-257 After 20,000 Hours of
Operation, by T. A. Mikhailova, 9 pp.

RUSSIAN, per, Teploenergetika, No 3, 1957, pp 41-
44.

CIA/FDD XX-753
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Min/met
Jun 60

USIB INTERNAL USE ONLY

105,857

Adrianov, V. N. and Shorin, S. N.
HEAT TRANSFER IN THE CHANNEL FLOW OF
RADIATING COMBUSTION PRODUCTS. [1961] [22]p.
12 refs.

Order from OTS or SLA \$2.60

61-20714

Trans. of Teploenergetika (USSR) 1957 [v. 4] no. 3,
p. 50-[54].

DESCRIPTORS: Heat exchangers, Combustion
chambers, *Heat transfer, Mathematical analysis.

The analytical solution of the problem of radiation
transfer in the flow of a radiating medium in a cylin-
drical channel is compared with results of experimen-
tal research on composite heat transfer.

(Physics--Thermodynamics, TT, v. 7, no. 1)

adrianov et al - 4708

61-20714

I. Adrianov, V. N.
II. Shorin, S. N.

NSF TT-12

166,448

Office of Technical Services

61-23395

Arsen'ev, Yu. D.
THE PRINCIPLES OF APPLICATION OF APPROXIMATE SIMILARITY (O Printsipakh Primeneniya Priblizhennogo Podobiya). Oct 60 [5]p. 2 refs. TIL/T. 5140; [DSIR LLU] M. 2618; AD-244 589.
Order from OTS or SLA \$1.10 61-23395

Trans. of Teploenergetika (USSR) 1957 [v. 4] no. 3, p. 55-57.

DESCRIPTORS: Experimental data, Errors, Mathematical analysis, *Functions, Numerical methods and procedures, Simulation.

(Mathematics, TT, v. 6, no. 9)

I. Arsen'ev, Yu. D.
II. TIL/T. 5140
III. Ministry of Aviation
(Gt. Brit.)
IV. DSIR LLU M. 2618
V. AD-244 589

125540

Office of Technical Services

Some Problems Concerning Improvement in the
Economy of Steam Turbines, by A. V. Shcheglayev,
M. E. Daitsch.

RUSSIAN, per, Teploenergetika, Vol IV, No 4,
1957, pp 3-6.

DSIR LLU M.1911
(loan)

128,896

Sci - Engr

Oct 60

Relationships Characterizing the Output of a
Turbine Stage, by A. M. Zavadovsky.

RUSSIAN, per, Teploenergetika, Vol IV, No 4, 1957,
pp 6-10.

DSIR LIU M.1892
(loan)

Sci - Engr

Oct 60

128,897

New Hydraulic Schemes for the Control of
District-Heating Turbines, by I. I. Gal'perin.

RUSSIAN, per, Teplenergetika, No 4, 1957,
pp 10-16.

MLL M. 3588

Sci - Engr

207, 786

Jul 62

The Increase in Non-Cavitation Properties of Centrifugal
Pump Stages by Means of Preconnected Axial Rotors, by
V. I. Dumov, 11 pp. *

RUSSIAN, per, Teploenergetika, Vol IV, No 4, 1957,
pp 16-21, Encl to IR-1673-57, AFOSM-1A1.

AF 1129150

Sci - Engineering
Oct 57

54,544

Some Results From Burning Anthracite Culm in the
Furnace of a TP-230-2 Boiler, by L. I. Pavlenko.
UNCL

RUSSIAN, per, Teploenergetika, Vol IV, No 4, 1957,
pp 26-33.

28-

DSIR LLJ (loan) M.454

Sci - Fuels
Sep 59

95, 874

Operating Experience With a Boiler Feed Water
Demineralization and Silica Removal Plant, by
P. S. Mikhailenko.

TEPLOENERGETIKA
RUSSIAN, ~~per~~, Vol IV, No 5, 1957, pp 24~~7~~-30 .

ATS 2K25R
RJ-1522

Sci
May 59

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Experimental Investigation of the Mechanism of
Heat Transfer With Surface Boiling of Water, by
G. G. Treshchov.

RUSSIAN, per, Teploenergetika, Vol IV, No 5,
1957, pp 44-48.

Co-op Tr Scheme 465

Sci - Engr

128,753

Oct 60

Measurement of Metal Heat Conductivity in a Wide
Range of Temperature During a Single Experiment,
by O A Krayev, 10 pp.

RUSSIAN, per, Teplotoenergetika, Vol IV, 1957,
pp 69-72.

AEC/SCL-T-220

Sci - Phys

Mar 59

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Experimental Study of the Mechanism of Heat
Transfer in Surface Boiling of Water, by G. G.
Frenkelov. UNCLASSIFIED

RUSSIAN, eng. Teplotenergetika, No 5, 1957,
pp 46-47.

Co-Op Tr Sch
22 465

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Sci - Phys
Sep 58

Experimental Study of Circulating Pressures in
the Downward Flow of Steam-Water Mixtures in
Vertical Tubes at Pressures Up to 180 ATM, by
A. L. Shvarts, et al.

RUSSIAN, per, Teploenergetika, No 6, 1957,
pp 12-16.

Co-op Tr Scheme 489

Sci - Phys

128,751

Oct 60

61-15461

Regulin, N. P.
PRESSURE EQUALIZATION IN THE PIPE-TURNS OF
A ONCE-THROUGH BOILER. [1960] [9]p. 1 ref.
C. E. Trans. 1655; M2318.
Order from LC or SLA mi\$1.80, ph\$1.80 61-15461

Trans. of Teploenergetika (USSR) 1957, v. 4, no. 6,
p. 21-25.

An analysis is given of the functioning of breather
headers in once-through boilers for reduction of pulsa-
tion between the pipe-turns, and of the variation in
heat absorption. (Author)

(Engineering--Mechanical, TT, v. 5, no. 8)

1. Steam pipes--Pressure distribution
2. Boilers--Design
3. Title: Once-through boiler
- I. Regulin, N. P.
- II. CE Trans-1655
- III. DSIR LLU M. 2318
- IV. Central Electricity Generating Board (Ct. Brit.)

151052

Office of Technical Services

60-23029

Berman, L. D.
EXPERIMENTAL INVESTIGATIONS OF STEAM CONDENSATION IN THE PRESENCE OF NONCONDENSING GASES (Eksperimental'nyye issledovaniya Kondensatsii para v Prisutstvi Nekondensiruyushchikhaya Gazov). [1960] [23]p. (foreign text included) 27 refs. M1436.

Order from LC or SLA mi\$2.70, ph\$4.80 60-23029

Trans. of Teploenergetika (USSR) 1957, v. 4, no. 6, p. 43-50.

The paper examines the results of a number of experiments and the possible fields of application of the proposed experimental relations for the coefficients of heat loss and mass transfer in steam condensation from a steam-gas mixture; and takes note of questionable and erroneous statements in certain work.
(Author)

(Chemistry--Physical, TT, v. 5, no. 3)

- I. Steam--Condensation
- I. Berman, L. D.
- II. DSIR LLU M. 1436

Office of Technical Services

Experimental Investigations of Steam Condensation
in the Presence of Noncondensing Gases, by L. D.
Berman.

RUSSIAN, per, Teploenergetika, Vol IV, No 6,
1957, pp 82-86.

DSIR LLU M.1436
(loan)

Sci - Phys

Sep 60

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A Method of Studying Graphitization and Estimating
Its Rate of Development, by A. Z. Kontorovskiy.
UNCL

RUSSIAN, per, Teploenergetika, Vol IV, No 7,
1957, pp 57-59.

DSIR LIJ (loan) M.426

Sci - Fuels
Aug 59

94,846

A New Method of Generalizing Experimental Data
on the Movement of a Steam-Water Mixture in
Vertical Tubes, by G. E. Kholodovskiy.
UNCLASSIFIED

RUSSIAN, per, Teplotengetika, No 7, 1957,
pp 68-71.

Co-Op Tr Scheme 498

Sci - Phys
Dec 58

Physics Translation
Reference to File # 78,055
100-81698
9527009

Heat Transfer in Film Condensation of Pure Steam
on Vertical Surfaces and Horizontal Tubes, by
D. A. Labuntsov. UNCLASSIFIED

RUSSIAN, per, Teploenergetika, 2 No 7, 1957,
pp 72-79.

Co-Op Tr 8cb
Tr 45b

Sci - Phys
Sep 58

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Experimental Investigation of the Regulation of the
IMZ SVK-150 Turbine, by B. P. Murganov. UNCLASSIFIED

RUSSIAN, per, Teploenergetika, No 8, 1957, pp 9-15.

*DSIR/TCL 104

Sci - Engr
Oct 58

Profile and Tip Losses in a Turbine Stage,
by A. M. Zverevskiy. UNCLASSIFIED

RUSSIAN, per, Teplenergetika, No 8, 1957,
pp 15-18.

Co-op Tr Scheme 540
(L 1.12s.)

Sci - Engr
Oct 58

77,845

Coefficients of Flow Through Pressure-Equalizing
Holes in Turbine Discs, by G. S. Semiclovich,
et al. UNCLASSIFIED

RUSSIAN, per, Teploenergetika, No 8, 1957,
pp 18-22.

Co-op Tr Scheme 541
(L 2.8s.)

Sci - Engr
Oct 58

DIR 3403/CT

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Calculation of Heat Transfer in Boiler
Furnaces, by P. K. Kocakov. UNCLASSIFIED

RUSSIAN, per, Teploenergetik, No 8, 1957,
pp 48-52.

Co-Op Tr Scheme 499

Sci - Phys
Dec 58

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Measurement of the Temperature of a Film of
Liquid Slag in Boilers With Liquid Slagging,
by S. G. Agababov. UNCLASSIFIED

RUSSIAN, per, Teploenergetika, No 8, 1957,
pp 65-67.

Co-Op Tr Scheme 508

Sci - Phys
Dec 58

DISINTELL

78,044

11 386

US-14

KHOLODOVSKII G. E.

A new method of generalizing experimental data on the flow
of steam-water mixtures in vertical pipes

Teploenergetika, 4, No. 8, 68-72 (1957)

ATS-91M40R. \$ 13.50 - English

E u r a t o m

RT-3312

The Use of Accelerators in Steam Turbine Control
Systems, by V. N. Veller.

RUSSIAN, per, Teplotoenergetika, No 9, 1957, pp 7-12.

MLL M. 3589

Sci - Engr

Jul 62

207, 173

Mechanism of Cavitation in Centrifugal Pumps,
by V. P. Chobayvskiy. UNCLASSIFIED

RUSSIAN, per, Toploenergetika, No 9, 1957,
pp 12-16.

Co-op Tr Schems 543
(L 2.)

Sci - Engr
Oct 58

77, 847

Experience in Running the Boilers for
Kiev TETS-3 Heat and Power Station on
Natural Gas, by M. M. Omel'chemko.
RUSSIAN, per, Teploenergetika, No 9,
1957, pp 26-32.
NLL Ref: 9022.09 (4788)

Sci-Mech
Apr 69

379,912

Turbine Stage with Constant Reaction, by ~~S~~ Levina
Slobodanyuk.

RUSSIAN, per, Teploenergetika, Vol IV, ^{No 9,} Sep 1956,
pp 28-35.

ASLIB-GB153

Sci

Aug 59

95, 286

Investigation of the Effect of the Velocity of
a Steam-Water Mixture in a Header on Its
Distribution Between Parallel Turns, by B. I.
Bhaynin, et al. UNCLASSIFIED

RUSSIAN, par, Teplotenergetika, No 9, 1957,
pp 37-39.

Co-Op Tr Scheme 501

Sci - Phys
Dec 58

78, 143

Behaviour of the Metal in Radiation Superheaters
in the Boiler Walls, by A. K. Vnukov. UNCLASSIFIED

RUSSIAN, per, Teplenergetika, No 9, 1957, pp
45-47.

Co-Op Tr Scheme 500

Sci - Phys
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