

Extrapolation of results obtained for 100,000 hours shows that tensile strength at the given temperature is 12 MPa. This exceeds requirements imposed on heat-resistance of materials for tubes and tube elements of heat-exchangers in reactors with helium coolant.

The alloy is introduced by metallurgical industry as related to melting and deformation. At present the industrial production of range of tubes takes place.

Alongside the nuclear power the alloy can be used as corrosion-resistant and high-temperature material in chemical, petrochemical, metallurgical and other fields of industry.

REFERENCES

- [1] Diagrams of state of metallic systems, issue XXII, Moscow, (1980).
- [2] Sadao Ohta, Kenichi Aota, Takashi Motoda. Tetsu-to-Hagane, vol. 65, No.7, p. 1031, (1979).
- [3] Dolbenko E.T., Kryanin I.R., Ryabchenkov A.V., Kuznetsov E.V., Tokareva T.B. Atomic-hydrogen power and technology, Moscow, Energoatomizdat, issue 5, p. 168-185, (1983).

LIST OF PARTICIPANTS

Chairman of the Meeting: Mr. E. Obryk (Poland)

PEOPLE'S REPUBLIC OF CHINA

Mr. Mingzhi Xiao
South-West Center of
Reactor Technology
P.O. Box 291
Chengdu Beijing
Tel.: 867784
Tlx.: 222315 famni cn

FRANCE

Mr. Michel Roche
Cen. Saclay
Irdi. Dedr. Demt
Boite Postale 2
F-91190 Gif sur Yvette

FEDERAL REPUBLIC OF GERMANY

Mr. Erik R.E.W. Bodmann
Hochtemperatur-Reaktorbau GmbH
Postfach 10 15 64
D-6800 Mannheim 1
Tel.: 621-451229

Mr. Gerd Breitbart
Nuclear Research Centre Jülich
Department for Reactor Materials
P.B. 19 13
D-5170 Jülich
Tel.: 02461-61-4425
Tlx.: 833556-0 KF D
Facs.: 02461-61-5327

Mr. Hans Martin Breitling
Interatom GmbH
Friedrich-Ebert Str.
D-5060 Bergisch-Gladbach
Tel.: 02204/84-2421

Mr. Bernd Huchtemann
Thyssen Edelstahlwerke AG
Oberschlesienstr. 16
D-4150 Krefeld
Tel.: 02151-83-2046

Mr. H.-J.T. Lehmann
Rheinisch-Westfälischer Technischer
Überwachungsverein e.V.
Staubenstr. 53
D-4300 Essen 1
Tel.: 0201-825-2541

FEDERAL REPUBLIC OF GERMANY (cont)

Mr. T. Monsau
Ministry of Economy and Technology
of the State Northrhine-Westfalia
Haroldstr. 4
D-4000 Düsseldorf
Tel.: 0211-837-2422
Tlx.: 08 582 728 wvww d
Facs.: 0211-837-2200

Mr. R. Nieder
19 - 20
Arbeitsgemeinschaft
Versuchsreaktor AVR
Hambacher Forst
D-5170 Jülich

Mr. W.J. Quadackers
Nuclear Research Centre Jülich
Department for Reactor Materials
P.B. 19 13
D-5170 Jülich
Tel.: 02461-61-4668
Tlx.: 833556-0 KF D
Facs.: 02461-61-5327

Mr. Manfred Rödig
Nuclear Research Centre Jülich
Department for Reactor Materials
P.B. 19 13
D-5170 Jülich
Tel.: 02461-61-6383
Tlx.: 833556-0 KF D
Facs.: 02461-61-5327

Mr. Wilfried Schendler
Mannesmann Röhrenwerke AG
- Forschungsinstitut -
Postfach 25 11 87
D-4100 Duisburg
Federal Republic of Germany
Tel.: 0203-731-8183

Mr. Florian Schubert
Nuclear Research Centre Jülich
Department for Reactor Materials
P.B. 19 13
D-5170 Jülich
Tel.: 02461-61-3229
Tlx.: 833556-0 KF D
Facs.: 02461-61-5327

USSR

Mr. B.J. Bereshko
Institute of Atomic Energy
Moscow

Mr. A.P. Ipatov
Institute of Nuclear Energy
223061 Minsk-Sosni

Mr. S. Popov
Institute of Atomic Energy
Moscow

Mr. Yu.D. Starostin
Central Scientific Research Institute
for Technology of Machinebuilding
Sharikopodsipricovska b.4
109088 Moscow

Mr. U.N. Tatarsky
Chelabinsk Polytechnic Institute
Chelabinsk

USA

Mr. A. Shenoy
General Atomics
P.O. Box 85608
San Diego, CA 92138-5608
Tel.: 619-455-2552
Tlx.: 695065

Mr. O.F. Kimball
Oak Ridge National Laboratory
P.O. Box 2008
Oak Ridge, TN 37831-6137
Tel.: 615-574-8258
Facs.: 6155762912

IAEA

Mr. J. Kupitz
Scientific Secretary of the
International Working Group on
Gas-Cooled Reactors
IAEA, P.O. Box 100
A-1400 Vienna
Austria
Tel.: 2360-2814
Telex 1-12645