



EUROPEAN UNIVERSITY INSTITUTE
HISTORICAL ARCHIVES OF THE EUROPEAN UNION

HG Hendrik De Bruijn



Florence
Mars 2006

© European University Institute - Historical Archives of the European Union, 1994-2006

Reproduction is authorised, provided the source is acknowledged, save where otherwise stated.

Where prior permission must be obtained for the reproduction or use of textual and multimedia information (sound, images, software, etc.), such permission shall cancel the abovementioned general permission and indicate clearly any restrictions on use.

© Institut Universitaire Européen - Archives historiques de l'Union européenne, 1994-2006

Reproduction autorisée, moyennant mention de la source, sauf spécification contraire.

Si la reproduction ou l'utilisation de données textuelles et multimédias (son, images, logiciels, etc.) sont soumises à autorisation préalable, cette autorisation annulera l'autorisation générale susmentionnée et indiquera clairement les éventuelles restrictions d'utilisation.

The signature of the file is indicated in the beginning of each description next to the title **file** and has to be used for citation, to be used for the request of a document for consultation in the reading room of the Historical Archives of the European Union.

Le numéro **file** correspondant à la **côte d'archive** doit être cité en note de référence des sources, doit être utilisée pour la demande de communication dans la salle de lecture des Archives historiques de l'Union européenne.

Icons



Fonds



SubFonds



SubsubFonds



Serie



SubSerie




























Document



SubDocument

Table of Contents

	HB Hendrik De Bruijn	4
	HB.A Dragon Project	5
	HB.A-01 'Dragon Project Reports'	5
	HB.A-02 Scientific Studies	8
	HB.A-02.01 Regeneration and Refabrication of Combustible	8
	HB.A-02.02 Cooling and Decontamination of Reactors	10
	HB.A-02.03 Experiments with Uranium and Thorium	11
	HB.A-02.04 EURATOM Symposium Brussels 10-11/06/1965	12
	HB.A-02.05 Various Research Topics	14
	HB.A-03 Technical and Administrative Meetings and General Administration	17
	HB.A-03.01 Minutes	17
	HB.A-03.02 Agreements and visits	20
	HB.A-04 Studies by HB and Statistical Material	21
	HB.B Correspondence	23
	HB.B-01 Correspondence by HB	24
	HB.B-01.01 HB-Zumwalt	24
	HB.B-01.02 HB-Watkins	26
	HB.B-01.03 HB-Others	27
	HB.B-02 Correspondence by Others	28
	HB.B-02.01 E.Romberg-G.Orsenigo	28
	HB.B-02.02 F.C.Wood-G.Orsenigo	28
	HB.B-02.03 L.R.Shepherd-G.Orsenigo	29
	HB.B-02.04 Others	29
	HB.C Energy Politics	30
	HB.D Documentation	32

HB - Hendrik De Bruijn

1940-1968

2,5 linear metres

437 files

Hendrik Debruijn was secretary of the Dutch National Commission for the Euratom research programme since 1958. This commission organised research for the high temperature gas-cooled reactor project at the research centre in Petten and concentrated the work mainly on irradiation matters. In addition to this research work the 'Foundation of Fundamental Research on Matter' at Utrecht undertook in association with Euratom studies.;From 1959 onwards Debruijn was Head of the Chemistry and Chemical Engineering Division for the Dutch contract partner, the 'Reactor Centrum Nederland' in the OECD/EURATOM Joint venture 'Dragon Project'.;The OECD High Temperature Reactor 'Dragon' Project was established on 23/03/1959 as an international joint undertaking by Austria, Denmark, EURATOM (representing Belgium, France, Germany, Italy, Luxemburg and the Netherlands), Norway, Swede, Switzerland and the United Kingdom with the aim of designing a high temperature gas cooled reactor. It based its work on the studies that the United Kingdom Energy Authority (UKEA) had undertaken since 1956 at its Atomic Energy Research Establishment (AERE) in Harwell. All participating nations had a strong political motivation in this European enterprise. The Netherlands especially saw in the Dragon Project a political instrument for involving the United Kingdom in continental Europe and regarded it mainly as a long-term research and development activity. The Netherlands, in contrast to Germany and France for example, did not seek actively to promote the political, commercial or industrial aspects of the project.;Ruth Ingeborg Meyer-Belardini, 1994.

The fonds consists of documents written and collected by Hendrik Debruijn. They cover the period from 1940 to 1968 with the earliest documents being notes and university minutes of the young Debruijn and the more recent records, by far the largest number, concerning the OECD High temperature Reactor Project 'Dragon'.

Since Debruijn was head of the research division of the 'Dragon Project', the items are mostly of scientific physical and physiochemical interest. It contains as well a large number of 'Dragon Project Reports', the minutes of the meetings of the board of management of the project (1960-1965) and correspondence exchanged with the different national research centres taking part in the project.

Language: GERMAN;ENGLISH;DUTCH

HB.A Dragon Project

HB.A-01 'Dragon Project Reports'

 **File: HB-1** 11/1960

**Horsley, G.W.: On the possibility of removing hydrogen from the dragon coolant by diffusion through a palladium membrane
Dragon project report 7**

 **File: HB-2** 01/1961

**Roemberg, Ernst (Dragon project office): The oxidation of solid fission products in the helium purge flow
Dragon project report 13**

 **File: HB-3** 03/1962


**Marien, P.J. (Joint Secretary Dragon Project Office): Projet Dragon
Dragon project report 37
Language: FRENCH**

 **File: HB-4** 07/1961

**Antill, J.A., Flowers, R.H. and others: The purification of helium in high temperature reactors
Dragon project report 46**

 **File: HB-5** 08/1962


**Hunt, M.T.: Improvements in or relating to the separation of fluids no-snow freezer
Dragon project patent Specification 49**

 **File: HB-6** 03/1962


**Debruijn, Hendrik: Progress in the chemistry and chemical engineering branch of the research and development division
Dragon project report 79**

 **File: HB-7** 02/1962


**Debruijn, Hendrik: Chemistry and chemical engineering applied in high temperature gas cooled nuclear reactors
Dragon project report 83**

 **File: HB-8** 06/1962


**Caprioglio, P. (Euratom), Franco, G. and others: Report of working party of board of management on an extension of the dragon project agreement
Dragon project report 100**

 **File: HB-9** 01/1963


**HTR Design Office, edited by Thorn, J.D.: The civil HTR reference design study
Dragon project report 135 part 1**

 **File: HB-10** 01/1963


**HTR Design Office, edited by Thorn, J.D.: The civil HTR reference design study
Dragon project report 135 part 2**

 **File: HB-11** 07/1963


Los, J., Velos, C.A. and others: Preconcentration of impurities in the dragon purge flow by thermal diffusion
Dragon project report 204

 **File: HB-12** 08/1963


Hedden, K., Loewe, A.: Kinetic measurements of the reaction of carbon with carbon dioxide in a differential reactor
Dragon project report 205
Harwell symposium 25 - 26/06/1963

 **File: HB-13** 08/1963


Schloesser, J.: Burn-up in a large temperature gas cooled reactor
Dragon project report 211
Baden-Baden symposium 09 14/09/1963

 **File: HB-14** 10/1963


Sayers, J.B., Rose, K.S.B. and others: The irradiation behaviour of coated particle fuel
Dragon project report 227
Harwell symposium on carbide in nuclear energy 05 - 07/11/1963

 **File: HB-15** 10/1963


Fijenoord, Wilton: The fission product delay beds for the dragon reactor experiment
Dragon project report 228

 **File: HB-16** 01/1964


Debruijn, Hendrik, Gruetter, A. and others: Removal of fission product noble gases from the helium of a high temperature gas cooled reactor using charcoal at low temperatures
Dragon project report 258

 **File: HB-17** 02/1964

Plutonium fuel cycles in high temperature gas cooled reactors
Dragon project report 265

 **File: HB-18** 06/1964


Voice, E.H., Wood, F.C.: The dragon helium purification pilot plant part 1
Dragon project report 271

 **File: HB-19** 05/1964


Roemberg, Ernst (Dragon project office): The effect of moisture on the adsorption of krypton on charcoal
Dragon project report 276

 **File: HB-20** 06/1964


Groos, E.: The steady state diffusion of fission product metals in pyrocarbon
Dragon project report 278

 **File: HB-21** 06/1964


Schloesser, J.: Thorium - Uranium fuel cycles in large HTGR
Dragon project report 286

 **File: HB-22** 08/1964


Graham, L.W., Saunders, R.A.: The development of fuel and core materials for high temperature power reactors
Dragon project report 291 Bournemouth symposium 07 - 08/04/1964

 **File: HB-23** 01/1965

**Ashworth, F.P.O.: The retention of fission products in dispersed fuels
Dragon project report 308**

 **File: HB-24** 01/1965


**Coobs, J.H., Hauser, G.P. and others: Review of irradiation results of dragon coated particle fuel
Dragon project report 316
Presented at the Harwell symposium on basic research 19 - 21/10/1964**

 **File: HB-25** 04/1965

**Report on work at AERE for the dragon project 05/06/1964
Dragon project report 325**

 **File: HB-195** 1965

Bibliographic list of Dragon project reports

 **File: HB-334** 12/1963


**1250 MW (Th) HTGR preliminary design study final report, Agip nucleare - Indatom joint group
Dragon project report 255 part I**

 **File: HB-335** 12/1963

**1250 MW (Th) HTGR preliminary design study final report, Agip nucleare - Indatom joint group
Dragon project report 255 part II vol.1**

 **File: HB-336** 12/1963


**1250 MW (Th) HTGR preliminary design study final report, Agip nucleare - Indatom joint group
Dragon project report 255 part II vol.2**

 **File: HB-337** 12/1963


**1250 MW (Th) HTGR preliminary design study final report, Agip nucleare - Indatom joint group
Dragon project report 255 part II vol.III**

 **File: HB-338** 12/1963


**1250 MW (Th) HTGR preliminary design study final report, Agip nucleare - Indatom joint group
Dragon project report 255 part II vol.IV**

 **File: HB-339** 12/1965

**Chemical plant design office engineering group Risley, Technical branch production group Windscale: HTR reprocessing study
Dragon project report 398**


 **File: HB-344** 01/1965

**Fally, J., Saclay, C.E.A.: Diffusion in coated particle fuel
Dragon project report 315
Presented at the Harwell symposium on basic research 19 - 21/10/1964**


 **File: HB-352** 02/1965

Hedden, K., Loewe, A.: Rate constants of the reaction of carbon with carbon dioxide

Dragon project report 319
Presented at the Harwell symposium on basic research 19 - 21/10/1964

 **File: HB-354** 02/1965

Hennaut, J., Waty, J. and others: Microphotographic examination of the first stages of carbon deposition from carbon monoxide on iron surfaces
Dragon project report 317
Presented at the Harwell symposium on basic research 19 - 21/10/1964

 **File: HB-357** 02/1965


Huet, J.J.: Fabrication of spherical carbide particles
Dragon project report 318
Presented at the Harwell symposium on basic research 19 21/10/1964

 **File: HB-386** 07/1960

OECD Dragon High Temperature Reactor Project: First annual report 1959 - 1960

 **File: HB-388** 1961


OECD Dragon High Temperature Reactor Project: Second annual report 1960 - 1961

 **File: HB-393** 02/1965


Quataert, D., Schleicher, H.W.: X-ray microprobe studies of irradiated fuel particles
Dragon project report 320

HB.A-02 Scientific Studies


HB.A-02.01 Regeneration and Refabrication of Combustible

 **File: HB-30** 12/1963

Comitato Nazionale Energia Nucleare: Experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel

 **File: HB-31** 07/1964


Comitato Nazionale Energia Nucleare: Experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel
Planning of the work

 **File: HB-32** 09/1964

Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel
Monthly progress letter no.3

 **File: HB-33** 15/10/1964

Beone, G.
Mezi, E.: Experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel
Task no. 12 : Methods for the processing of Uranium and Thorium carbide-graphite fuels - a bibliographic study

 **File: HB-34** 10/1964


Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel Monthly progress letter no. 4

 **File: HB-35** 10/1964

Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel Quartely progress report no.1

 **File: HB-36** 1964


Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel Study no. 13: Reprocessing for Uranium - Thorium carbide fuel

 **File: HB-37** 01/1965


Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel Monthly progress letter no. 7

 **File: HB-38** 02/1965


Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel Monthly progress letter no.8

 **File: HB-39** 03/1965

Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel Monthly progress letter no.9

 **File: HB-40** 04/1965


Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel Monthly progress letter no. 10

 **File: HB-41** 05/1965

Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel Quartely progress report no.3

 **File: HB-42** 05/1965


Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel Appendix to quarterly progress report no.3

 **File: HB-43** 05/1965









Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel Monthly progress letter no.11

 **File: HB-44** 06/1965

Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel Monthly progress letter no.12

 **File: HB-45** 07/1965

Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel

Quarterly progress report no.4 **File: HB-46** 07/1965 - 08/1965**Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel
Monthly progress letter no.13** **File: HB-47** 09/1965**Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel
Monthly progress letter no.14** **File: HB-48** 09/1965**Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel
Progress letter no. 15** **File: HB-49** 09/1965**Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel
Quarterly progress report no.5** **File: HB-50** 10/1965**Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel
Monthly progress letter no.16** **File: HB-51** 11/1965**Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel
Monthly progress letter no.18** **File: HB-52** 1965**Horsley, G.W., Podo, L.A. and others: Studies on the reprocessing and refabrication of HTGR fuels in the OECD Dragon project** **File: HB-316** 01/1965**Comitato Nazionale Energia Nucleare: An experimental investigation and assessment of reprocessing and refabrication of high temperature reactor fuel
Quarterly progress report no.2** **HB.A-02.02 Cooling and Decontamination of Reactors** **File: HB-53** 08/1958**Labaton, V.Y., Sterry, F.: The coolant cleanup system of the HTGCR experiment** **File: HB-54** 25/05/1964**Zumwalt, Lloyd R.(General Atomic Senior Research Advisor): Target chemistry quarterly report 03/1964 - 05/1964** **File: HB-55** 31/07/1964**Zumwalt, Lloyd R.(General Atomic Senior Research Advisor): Target chemistry quarterly report 06/1964 - 08/1964** **File: HB-56** 11/01/1965

Rennie, C.A.(Chief Executive Dragon Project Office): Programme for assessment studies


 **File: HB-57** 1956

Fortescue, P., Nicoll, D. and others: The high temperature, gas-cooled, graphite-moderated reactor prototype

 **File: HB-58** 1960

Coolant processing report


 **HB.A-02.03 Experiments with Uranium and Thorium**

 **File: HB-59** 28/10/1957


Longstaff, B., Warner, R.L.: Preparation of graphite containing Uranium and Thorium

 **File: HB-60** 1960

Schmitt, R.A., Zumwalt, Lloyd R.: Fission product chains and yields

 **File: HB-61** 28/11/1962

Arnold, E.D.: Radiation hazards of recycled Uranium-233 - Thorium fuels

 **File: HB-62** 09/1963

Carley-Macaulay, K.W., Myles, J.W. and others: The coating of Uranium carbide particles in a fluidised bed

Harwell symposium on carbide in nuclear energy 05 - 07/11/1963

 **File: HB-63** 04/1964

Schloesser, J.: Thorium - Uranium fuel cycles in HTGR

Bournemouth symposium 07 - 08/04/1964

 **File: HB-64** 02/06/1964

Wood, F.C.: Draft specification of data for assessment study of cost of fuel reprocessing for Uranium - Thorium fuel power reactors

 **File: HB-65** 11/09/1964

Graziani, G., Schloesser, J.: An estimate of the Uranium-232 concentration in recycled fuel

 **File: HB-66** 30/09/1964

Wood, F.C.: Note on CNEN experimental studies of an electrolytic head-end process for Uranium - Thorium carbide fuel

 **File: HB-67** 01/02/1965

Bird, E.J.: Compact leaching experiment no.3 (silicon coated Uranium - Thorium - C2 particles)

 **File: HB-68** 03/03/1965

Schroeder, E.: The Uranium-236 poisoning in a Thorium blanket

 **File: HB-69** 06/07/1965

Podo,L.: Oxidation reaction of Uranium and Thorium carbides


 **File: HB-70** 1965

Cost evaluation of a reprocessing plant for Uranium - Thorium carbide fuel

 **File: HB-71** 1965

Brandes, S.: Uranium-232 fuelled thermal high temperature reactor with Uranium-233 in equilibrium state with Thorium-232 as the fertile species

 **HB.A-02.04 EURATOM Symposium Brussels 10-11/06/1965**


 **File: HB-26** 04/1965

Bruneder, H., Haubert, P.: Plutonium fuel cycle studies for a large high temperature graphite moderated reactor

Dragon project report 335

Euratom Symposium on fuel cycles of high temperature gas-cooled reactors

Brussels 10 - 11/06/1965


 **File: HB-27** 04/1965

Blomstrand, J.H., Schloesser, J. and others: Uranium-235 - Thorium fuel cycles in graphite moderated systems

Dragon project report 336

Euratom Symposium on fuel cycles of high temperature gas-cooled reactors

Brussels 10 - 11/06/1965


 **File: HB-28** 05/1965

Horsley, G.W., Pood, L.A. and others: Studies on the reprocessing and refabrication of HTGR fuels in the OECD Dragon project

Dragon project report 338

Euratom Symposium on fuel cycles of high temperature gas-cooled reactors

Brussels 10 - 11/06/1965

 **File: HB-29** 05/1965

Huddle, R.A.U., Price, M.S.T. and others: The cost of coated particle fuel for a high temperature reactor programme


Dragon project report 340

Euratom Symposium on fuel cycles of high temperature gas-cooled reactors

Brussels 10 - 11/06/1965

 **File: HB-72** 25/01/1965


Caprioglio, P.(Euratom): Euratom Symposium on fuel cycles of high temperature gas-cooled reactors in Brussels 10 - 11/06/1965

 **File: HB-73** 04/1965

Gratton, C.P.: A review of the studies made on the utilization of plutonium in the high temperature reactor

Euratom Symposium on fuel cycles of high temperature gas-cooled reactors


Brussels 10 11/06/1965

 **File: HB-74** 28/06/1965

Schmidt, H.: Range of burn-ups and conversion factors, economic assessment

Euratom Symposium on fuel cycles of high temperature gas cooled reactors

Brussels 10 - 11/06/1965

 **File: HB-75** 28/06/1965

Gratton, G.P.: Use of plutonium as initial fissile investment and/or as make-up fuel


**Euratom Symposium on fuel cycles of high temperature gas-cooled reactors
Brussels 10 - 11/06/1965**

 **File: HB-76** 05/1965


Cogliati, G., Lanz, R. and others: Preparation of Uranium/dioxide and carbide particles by sol-gel methods
**Euratom Symposium on fuel cycles of high temperature gas-cooled reactors
Brussels 10 11/06/1965**

 **File: HB-77** 06/1965


Eatherly, W.P., Burkett, M.N.: Design and fabrication of the Arbeitsgemeinschaft Versuchsreaktor (AVR) injection-molded fuel element
**Euratom Symposium on fuel cycles of high temperature gas-cooled reactors
Brussels 10 - 11/06/1965**

 **File: HB-78** 10/06/1964 - 11/06/1965

List of working papers presented at Euratom Symposium on fuel cycles of high temperature gas-cooled reactors Brussels 10 - 11/06/1965

 **File: HB-79** 10/06/1965 - 11/06/1965

List of participants of Euratom Symposium on fuel cycles of high temperature gas-cooled reactors Brussels 10 - 11/06/1965
Language:FRENCH

 **File: HB-115** 02/04/1965

Nicholson, E.L., Ferris, L.M. and others: Burn-leach processes for graphite-base reactor fuel containing carbon-coated carbide or oxide particles
**Euratom Symposium on fuel cycles of high temperature gas-cooled reactors
Brussels 10 - 11/06/1965**

 **File: HB-342** 15/04/1965


Giesser, W.: Fuel cycles of the 'Thorium Hoch Temperatur Reaktor' edited by Brown Boveri/Krupp Reaktorbau GmbH
**Euratom Symposium on fuel cycles of high temperature gas-cooled reactors
Brussels 10 11/06/1965**

 **File: HB-358** 07/05/1965

Jaye, E., Fischer, P.U. and others: The use of low enrichment Uranium and Plutonium in the HTGR
(General Atomic Division of General Dynamics)
Paper submitted for presentation at the Euratom Symposium on fuel cycles of high temperature gas cooled reactors Brussels 10 11/06/1965

 **File: HB-394** 07/05/1965

Ragone, D.V.: Fuel fabrication techniques for HTGCR - fuels
(General Atomic Division of General Dynamics)
Submitted for presentation at the Euratom Symposium on fuel cycles of high temperature gas cooled reactors Brussels 10 - 11/06/1965


 **File: HB-421** 11/05/1965


Stewart, H.B., Jaye, S. and others: HTGR fuel cycle assessment studies
(General Atomic Division of General Dynamics)
Submitted for presentation at the Euratom Symposium on fuel cycles of high temperature gas cooled reactors Brussels 10 - 11/06/1965


 **File: HB-440** 1965

**Zuest, H., Von Gunten, R. and others: Head-end treatment for the reprocessing of high temperature carbide - graphite fuels
Contribution to the Euratom Symposium on fuel cycles of high temperature gas cooled reactors Brussels 10 - 11/06/1965**


 **HB.A-02.05 Various Research Topics**


 **File: HB-80** 13/08/1956
Hutcheon, J.M.: Impermeable carbons and graphites

 **File: HB-81** 11/09/1957
THE TRIGA - A new training research and isotope producing reactor by General Atomic


 **File: HB-82** 09/09/1957 - 20/09/1957
**Duffield, Robert B.: Design of new small radioisotope reactor facility
UNESCO international conference on radioisotopes in scientific research Paris 09 - 20/09/1957**

 **File: HB-83** 14/02/1961
Ackley, R.D.: Equilibrium adsorption of krypton and xenon on activated carbon and linde molecular sieves


 **File: HB-84** 01/03/1961
Graham III, W.W., Leon, H.I. and others: HTGR helium purification and fission product removal system specification no. 823,1


 **File: HB-85** 20/03/1961
**Langer, S.: Melting points and thermodynamic properties of some reactor core materials
US Atomic Energy Commission project no. 32170**

 **File: HB-86** 12/1961
**Squires, Arthur M.: Species of fluidization
paper presented at 54.th annual meeting of the American Institute of Chemical engineers**


 **File: HB-87** 07/02/1962
Chetwood, P.: Notes of a tender assessment panel held on 19/01/1962 on high and low temperature helium purification plants

 **File: HB-88** 07/02/1962
Chetwood, P.: Notes of the second tender assessment panel held on 06/02/1962 on high and low temperature helium purification plants

 **File: HB-89** 02/03/1962
Chetwood, P.: Notes of a tender assessment panel held on 27/02/1962 on high and low temperature helium purification plant

 **File: HB-90** 09/1962
**Slansky, Cyril M.; McBride, John A.: The case for small reprocessing plants
In: Nuclear Science and Engineering vol.20 no.9**


 **File: HB-91** 12/1962
Ferris,L.M: Chemical Processing of coated particle fuels

 **File: HB-92** 12/1962

Davidson, J.K. and others: PCUT - a programme for recycle of power-reactor fuel
Paper presented to the Thorium fuel-cycle symposium at Gatlinburg, Tennessee 05
- 07/12/1962

 **File: HB-93** 31/12/1963

Hermans, M.E.A. and others: Present status of the KEMA Sol-Gel process with
regard to a contract with Dragon, report 1

 **File: HB-94** 01/1964


Slansky, Cyril M.: A survey of Heated processes for nuclear fuel reprocessing
In: Journal of Metals

 **File: HB-95** 03/04/1964

Hermans, M.E.A., Van Der Plaes, Th.: Dragon Project Technical progress report
01/01 - 01/04/1964

 **File: HB-96** 06/08/1964

Schloesser, J.: Fuel cycle economy in a large HTR

 **File: HB-97** 09/1964

De Nordwall, H.J., Ashworth, F.P.O.: Fission product distribution in the pluto loop
tests of dragon fuels

 **File: HB-98** 09/10/1964


Hedden, K., Loewe, A.: Rate constants of the reaction of carbon with carbon
dioxide

 **File: HB-99** 09/10/1964


Fally, J.: Diffusion in coated particle fuel
Semi-annual report no.1

 **File: HB-100** 14/10/1964


Valette, L.: The influence of mass transfer on the kinetic of graphite oxidation by
low concentration of oxidising impurities in an inert carrier gas

 **File: HB-101** 16/10/1964

Cook, R.K.: Survey of suitable boiler types and steam cycles for the HTGCR
assessment study

 **File: HB-102** 02/11/1964

Marien, P.J.(Joint Secretary Dragon Project Office): Reloading in axial zones.
Proposals for fuel element shuffling leading to a core loading with horizontal
layers of equal age

 **File: HB-103** 10/11/1964

Ashworth, F.P.O.: Questions on the target study report

 **File: HB-104** 11/12/1964

Acciarri, P.: General study of the heat transfer and core geometry of moving seed
and fixed blanket reactor system

 **File: HB-105** 1964

Blanco, R.E., Cathers, G.L. and others: Processing of graphite reactor fuels
containing coated particles and ceramics

In: Nuclear Science and Engineering, vol.20, 1964

File: HB-106 13/01/1965

Cook, R.K.: Steam cycle analysis for a large high temperature gas cooled power reactor

Contents also: Pointud, R.: Dose rates of radiation due to handling of actinides during the fabrication of dragon fuel elements (21/06/1963)

File: HB-107 19/01/1965

Bruneder, H.: Fuel cycle calculation for a large HTR one zone and four zone core using recycle fuel

File: HB-108 19/01/1965

Rennie, C.A.(Chief Executive Dragon Project Office): The direct cycle application of the high temperature gas cooled reactor

File: HB-109 25/01/1965

Hosegood, S.B.: Engineering division design study work initial parameter, list for first phase

File: HB-110 01/1965

Wagemann, K.: Future fuel requirements for atomic power plants

File: HB-111 03/03/1965

Graziani, G.: A note on the axial fuel distribution

File: HB-112 26/03/1965

Pugh, J.: Breed and feed reactor charge system contents

File: HB-113 03/1965

Worth, J.H.: The post irradiation microscopy of dragon pluto loop 8 charge

File: HB-114 26/02/1965

Symes, B.J.: Microscopic examination of uncompact particles irradiated in the HPD 12 and 13

File: HB-116 06/04/1965

Barr, P., Vivante, C. and others: "Annealing" as a post-irradiation technique for the evaluation of coated particle fuels

File: HB-117 12/04/1965

Massimo, L.: Some aspects of the use of PU in high temperature reactors

File: HB-118 12/04/1965

Negus, B.: The approach to full power programme for the dragon reactor experiment - operating procedures

File: HB-119 14/04/1965

Schroeder, E.: Neutron balance in seed blanket cores

File: HB-120 29/04/1965

Von Bonsdorff, M.G.: Magnetohydrodynamic power conversion systems for the HTGCR

File: HB-121 30/04/1965

Harms, W.O., Trauger, D.B. and others: Fabrication variables, performance and cost considerations for HTGR coated-particle fuels

 **File: HB-122** 03/02/1966

Schoelvinck, R.G.: Enkele kenmerken van snelle reactoren (Some remarks on high temperature reactors)

Colloquium Delft 11/02/1966

Contents also: Presentation letter by the same author


Language: DUTCH

 **File: HB-123** 17/02/1966

HTR fuel reprocessing design study - phase 2 - for Dragon project

 **File: HB-124** 1965

Fenning, F.W., Hill, J.M.: Implications of fuel cycles on engineering processing and operating costs

 **File: HB-125** 04/1964

Introductory report by Debruijn, Hendrik on carbon mass transfer held at Bournemouth symposium 07 - 08/04/1964

 **File: HB-126** 1965

Everett, M.R, Kinsey, D.V. and others: Programme of work for carbon transport and gas analysis studies

 **File: HB-127** 1965

Dreisvogt, H.: Breeding in pebble-bed reactors

 **File: HB-128** 25/09/1964

Wood, F.C.(Dragon project office): Technical matters for discussion with the Comitato Nazionale per l'Energia Nucleare on 07/10/1964


Note for Shephard, L.

 **File: HB-129** 02/11/1964


Dickson, A.N.: Some safety aspects of a large HTR

HB.A-03 Technical and Administrative Meetings and General Administration

HB.A-03.01 Minutes

 **File: HB-130** 07/10/1964

Agenda of Dragon project - Comitato Nazionale per l'Energia Nucleare meeting on 07/10/1964

 **File: HB-131** 12/10/1964

Wood, F.C.(Dragon project): Minutes of meeting with Comitato Nazionale per l'Energia Nucleare in Rome on 07/10/1964 to discuss progress on assessment of fuel reprocessing costs for Uranium Thorium carbide fuelled power reactors

 **File: HB-132** 21/10/1964

Reynolds, R.E.(Administration and Finance Officer Dragon Project Office): Notes of meeting with Comitato Nazionale per l'Energia Nucleare in Rome on 07/10/1964

File: HB-133 30/10/1964

Wood, W.C.(Dragon project): Amendments to the minutes of meeting with Comitato Nazionale per l'Energia Nucleare on 07/10/1964 in Rome to discuss progress on assessment of fuel reprocessing costs for Uranium - Thorium carbide fuelled power reactors

File: HB-134 1965

Comitato Nazionale Energia Nucleare: Summary of the Manhour status up to the 28/02/1965

File: HB-135 09/03/1965

Acciarri, P.: Minutes of the 8.th meeting held in Dragon project conference room on 10/02/1965

File: HB-136 03/1965

Comitato Nazionale Energia Nucleare: Tentative agenda for the meeting on 17 - 18/03/1965

File: HB-137 06/04/1965

Roemberg, Ernst (Dragon project office): Minutes of meeting at Winfrith on 30/03/1965 to discuss progress in Dragon/UKAEA assessment study of reprocessing Uranium - Thorium carbide fuel for HTR reactors

File: HB-138 29/04/1965

Roemberg, Ernst (Dragon project office): Minutes of meeting held in Rome on 17 - 18/03/1965 to discuss progress on assessment of fuel reprocessing costs for Uranium - Thorium carbide fuelled power reactors

File: HB-139 21/05/1965

Roemberg, Ernst (Dragon project office): Agenda for meeting between Comitato Nazionale per l'Energia Nucleare, UKAEA Risley/Windscale and Dragon representatives on 09/05/1965 in Brussels at Euratom headquarters

File: HB-140 15/09/1965

Roemberg, Ernst (Dragon project office): Minutes of a meeting held at Winfrith on 29/07/1965

File: HB-141 07/01/1966

Roemberg, Ernst (Dragon project office): Minutes of a meeting held in Rome on 05/11/1965 and 08 - 09/11/1965 between Dragon and representatives of Comitato Nazionale per l'Energia Nucleare and UKAEA

File: HB-142 04/03/1966

Roemberg, Ernst (Dragon project office): Agenda of meeting to be held in London on 17 - 18/03/1966 between Dragon and representatives of the Comitato Nazionale per l'Energia Nucleare and UKAEA

File: HB-143 28/03/1966

Roemberg, Ernst (Dragon project office): Minutes of a meeting held in London on 17 - 18/03/1966 between Dragon and representatives of the Comitato Nazionale per l'Energia Nucleare and UKAEA

File: HB-147 14/12/1959

Corrigendum of the minutes of the 2.nd meeting of the board of management of the OEEC HTR project (Dragon project) held in London on 16/10/1959

File: HB-148 03/1960

Minutes of the 3.rd meeting of the board of management of the OEEC HTR project (Dragon project) held in London on 23/02/1960

File: HB-149 25/07/1960

Minutes of the 4.th meeting of the board of management of the OEEC HTR project (Dragon project) held in Winfrith on 14/07/1960

File: HB-150 10/1960

Minutes of the 5.th meeting of the board of management of the OEEC HTR project (Dragon project) held in Paris on 18/10/1960

File: HB-151 07/1961

Minutes of the 7.th meeting of the board of management of the OEEC HTR project (Dragon project) held in Stockholm on 25/05/1961

File: HB-152 01/1962

Minutes of the 8.th meeting of the board of management of the OEEC HTR project (Dragon project) held in Paris on 06/03/1961

File: HB-153 24/04/1962

Minutes of the 9.th meeting of the board of management of the OEEC HTR project (Dragon project) held in Vienna on 02/03/1962

File: HB-154 17/07/1962

Minutes of the 10.th meeting of the board of management of the OEEC HTR project (Dragon project) held in Winfrith on 18/06/1962

File: HB-155 02/01/1963

Minutes of the 11.th meeting of the board of management of the OEEC HTR project (Dragon project) held in Paris on 30/10/1962

File: HB-156 06/03/1963

Marien, P.J.(Joint Secretary Dragon Project Office): Review of progress for 12.th meeting of board of management
Note to Rennie, C.A.(Chief Executive Dragon Project Office)

File: HB-157 22/05/1963

Minutes of the 12.th meeting of the board of management of the OEEC HTR project (Dragon project) held in London on 08/03/1963

File: HB-158 29/08/1963


Minutes of the 13.th meeting of the board of management of the OEEC HTR project (Dragon project) held in Copenhagen on 28/06/1963

File: HB-159 20/12/1963

Minutes of the 14.th meeting of the board of management of the OEEC HTR project (Dragon project) held in Copenhagen on 25/10/1963

File: HB-160 23/04/1964

Minutes of the 15.th meeting of the board of management of the OEEC HTR project (Dragon project) held in Paris on 06/03/1964

 **File: HB-161** 25/08/1964

Minutes of the 16.th meeting of the board of management of the OEEC HTR project (Dragon project) held in Zuerich on 30/06/1964

 **File: HB-162** 08/12/1964

Minutes of the 17. meeting of the board of management of the OEEC HTR project (Dragon project) held in Winfrith on 23/10/1964


 **File: HB-163** 22/04/1965

Minutes of the 18.th meeting of the board of management of the OEEC HTR project (Dragon project) held in Paris on 05/03/1965

 **File: HB-164** 24/08/1965

Minutes of the 19.th meeting of the board of management of the OEEC HTR project (Dragon project) held in Winfrith on 30/06/1965

HB.A-03.02 Agreements and visits

 **File: HB-144** 03/1961

Gleuckauf, E.: Visits to John Jay Hopkins laboratory of General Dynamics at La-Jolla, San-Diego

 **File: HB-145** 17/01/1963

Lingjaerde, R.: Report on a visit to Battelle Memorial Institute and Oak Ridge National Laboratory in the period 03/ - 12/12/1962

 **File: HB-146** 08/03/1965

Coast, G., Dean, J.R. and others: Notes on a visit to the United States in 01/1965

 **File: HB-165** 07/10/1964

Rennie, C.A.(Chief Executive Dragon Project Office): Letter to the board of management of the OECD

 **File: HB-166** 16/02/1962

Rennie, C.A.(Chief Executive Dragon Project Office): Report of the working party of the board of management on an extension of the Dragon project agreement

 **File: HB-167** 07/01/1963

OECD HTR project: Preliminary assessment study of a moving high temperature reactor concept

 **File: HB-168** 19/03/1964


Agreement between the UK Atomic Energy Authority acting on behalf of the signatories to the OECD HTR agreement (Dragon project) and Nuklear Chemie und Metallurgie GmbH (NUKEM)

 **File: HB-169** 07/10/1964

Extension of the OECD agreement for the HTGR development project

 **File: HB-170** 23/02/1965

Rennie, C.A.(Chief Executive Dragon Project Office): OECD HTR project - the future of the Dragon project

 **File: HB-171** 18/05/1965

Dragon project monthly progress statement no. 38**File: HB-172** 1964**Manpower employment for Comitato Nazionale per l'Energia Nucleare Dragon contract expressed in hours****HB.A-04 Studies by HB and Statistical Material****File: HB-173** 1964**5 technical drafts of HTGCR's****File: HB-174** 1964**Graphs concerning 'free energy of formation'****File: HB-175** 1964**Idealised design of a feed sphere****File: HB-176** 1964**Scheme of an HA aqueous raffinate treatment flowsheet****File: HB-177** 09/12/1964**Core pattern of a 3 block cluster system****File: HB-178** 1964**Diagram: Neutron deficit in blanket per fissioning Uranium-235 and Uranium-233 as a function of time****File: HB-179** 1964**Diagram: Main helium physical constants****File: HB-180** 1964**Flow diagram****File: HB-181** 1964**Drawing: Waste area****File: HB-182** 1964**4 photos of 'kernels'****File: HB-183** 1964**Schemes:**

- 1) External fission product trapping system
- 2) Steam generator purge purification system

File: HB-184 1964**Diagrams:**

- 1) Neutron deficit for criticality (per fission in blanket)
- 2) Neutron deficit in blanket per fusioning Uranium-235 and Uranium-233
- 3) Unidentifiable

File: HB-185 25/02/1965**Drawings:**

- 1) Skewer head
- 2) Super critical dry boiler with surface preheater

3) *Dry boiler Loeffler system*

4) - 10) *Unidentifiable*

11) *Diagram: Thermal efficiency as function of throttle pressure*

 **File: HB-186** 30/03/1965

Drawing: Bottom discharge and shuffle system turntable plan and sequence of operations (Dragon project)

 **File: HB-187** 1964

7 tables, 15 diagrams, 11 schemes concerning various items of the Dragon project

 **File: HB-188** 1964


8 tables, 23 diagrams concerning fuel recycling (Dragon project)

 **File: HB-189** 1964

9 schemes from Comitato Nazionale per l'Energia Nucleare

 **File: HB-190** 1964

13 drawings concerning the Dragon project

 **File: HB-191** 10/1965

31 schemes, 1 table

 **File: HB-192** 1965

9 schemes

 **File: HB-193** 1965

8 drawings, 7 schemes


 **File: HB-194** 1965

15 diagrams, 1 table, 9 schemes

 **File: HB-196** 1940

Hard-backed private notebook of Hendrik Debruijn

Language:DUTCH

 **File: HB-197** 1929 - 1933

Personal notes by Hendrik Debruijn of University lectures held by Professor Ornstein and Professor Kruyt on physical chemistry, kolloid chemistry and other matters

Language:DUTCH

 **File: HB-198** 1939

Debruijn, Hendrik: Die Struktur der Phasengrenze bei hydrophoben Kolloiden (The structure of phaselimits with hydrophile colloids)

Contents also: Graphics, drawings, handwritten notes

Language:GERMAN;DUTCH


 **File: HB-199** 04/07/1958

Debruijn, Hendrik: Veiligheid en economie betreffende de lozing van radioactieve afvalstoffen in de noordzee bij Petten (Economic and security problems concerning the discharge of radioactive material in the Northsea at Petten)


Language:DUTCH

 **File: HB-200** 24/11/1958

Debruijn, Hendrik: Plannen voor het onderzoek van thermo-nucleaire reacties in Nederland (A project for the inquiry in dutch thermo-nuclear reactors)
Language:DUTCH

 **File: HB-201** 23/01/1961

Debruijn, Hendrik: The nuclear energy programme in the Netherlands Winfried lecture

 **File: HB-202** 18/04/1961

Debruijn, Hendrik: Mass transfer and helium purification, lecture held at Dragon project symposium 1961

 **File: HB-204** 29/01/1962


Debruijn, Hendrik: Report on the visit to Oak Ridge National Laboratory and General Atomic on 12 - 20/12/1961

 **File: HB-205** 1962

Private notes, graphs, calculations, diagrams and other material collected by Debruijn, Hendrik
Language:DUTCH

 **File: HB-206** 08/04/1964


Debruijn, Hendrik: Discussion remarks assessment symposium II Note to Rennie, C.A. (Chief Executive Dragon Project Office)

 **File: HB-207** 06/1964 - 05/1965


Letters, memoranda and notes concerning fuel reprocessing collected by Debruijn, Hendrik

 **File: HB-208** 10/10/1964

Debruijn, Hendrik: Impressions of the Third United Nations international conference on the peaceful uses of atomic energy held at Geneva from 31/08 - 09/09/1964
Language:DUTCH

 **File: HB-209** 30/10/1964 - 25/11/1964

Debruijn, Hendrik: Improvement on neutron economy and fuel cycle costs of a HTGR, part 1 (30/10/1964), 2 (24/11/1964) and 3 (25/11/1964)

 **File: HB-210** 09/06/1965

Debruijn, Hendrik: Personal notes on technical aspects of the Comitato Nazionale per l'Energia Nucleare project


 **File: HB-211** 1965

Debruijn, Hendrik: Improvement on neutron economy and fuel cycle costs of a HTGR


HB.B Correspondence

HB.B-01 Correspondence by HB


HB.B-01.01 HB-Zumwalt

 **File: HB-212** 05/01/1961


Letter from Debruijn, Hendrik to Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry)

 **File: HB-213** 01/02/1961


Letter from Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry) to Debruijn, Hendrik

 **File: HB-214** 24/02/1961


Letter from Debruijn, Hendrik to Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry)

 **File: HB-215** 27/03/1961


Letter from Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry) to Debruijn, Hendrik

 **File: HB-217** 07/04/1961


Letter from Debruijn, Hendrik to Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry)

 **File: HB-218** 25/05/1961


Letter from Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry) to Debruijn, Hendrik

 **File: HB-220** 31/05/1961


Letter from Debruijn, Hendrik to Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry)

 **File: HB-221** 08/06/1961


Letter from Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry) to Debruijn, Hendrik

 **File: HB-222** 11/08/1961

Letter from Debruijn, Hendrik to Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry)

 **File: HB-223** 19/09/1961


Letter from Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry) to Debruijn, Hendrik

 **File: HB-224** 28/09/1961

Letter from Debruijn, Hendrik to Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry)

 **File: HB-225** 28/11/1961


Letter from Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry) to Debruijn, Hendrik

 **File: HB-226** 06/12/1961

Letter from Debruijn, Hendrik to Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry)

 **File: HB-227** 21/12/1961


Letter from Debruijn, Hendrik to Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry)

 **File: HB-228** 22/12/1961


Letter from Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry) to Debruijn, Hendrik

 **File: HB-229** 09/01/1962

Letter from Zumwalt, Lloyd R. (General Atomic Group Leader Reactor Chemistry and Senior Research Advisor) to Debruijn, Hendrik

 **File: HB-230** 31/01/1962

Letter from Debruijn, Hendrik to Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry and Senior Research Advisor)

 **File: HB-231** 13/02/1962


Letter from Zumwalt, Lloyd R. (General Atomic Group Leader Reactor Chemistry and Senior Research Advisor) to Debruijn, Hendrik

 **File: HB-232** 20/02/1962


Letter from Debruijn, Hendrik to Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry and Senior Research Advisor)

 **File: HB-233** 03/05/1962

Letter from Zumwalt, Lloyd R. (General Atomic Group Leader Reactor Chemistry and Senior Research Advisor) to Debruijn, Hendrik

 **File: HB-234** 09/05/1962


Letter from Debruijn, Hendrik to Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry and Senior Research Advisor)

 **File: HB-235** 19/11/1962

Letter from Zumwalt, Lloyd R. (General Atomic Senior Research Advisor) to Debruijn, Hendrik

 **File: HB-236** 03/12/1962

Letter from Zumwalt, Lloyd R. (General Atomic Senior Research Advisor) to Debruijn, Hendrik

 **File: HB-237** 02/05/1963

Letter from Zumwalt, Lloyd R. (General Atomic Senior Research Advisor) to Debruijn, Hendrik

 **File: HB-238** 06/05/1963


Letter from Debruijn, Hendrik to Zumwalt, Lloyd R. (General Atomic Senior Research Advisor)

 **File: HB-239** 10/05/1963

Letter from Zumwalt, Lloyd R. (General Atomic Senior Research Advisor) to Debruijn, Hendrik

 **File: HB-240** 27/05/1963

Letter from Debruijn, Hendrik to Zumwalt, Lloyd R. (General Atomic Senior Research Advisor)

 **File: HB-241** 09/07/1964


Letter from Debruijn, Hendrik to Zumwalt, Lloyd R. (General Atomic Senior Research Advisor)

 **File: HB-242** 17/09/1964

Letter from Debruijn, Hendrik to Zumwalt, Lloyd R. (General Atomic Senior Research Advisor)

 **File: HB-243** 28/12/1968

Letter from Debruijn, Hendrik to Zumwalt, Lloyd R. (General Atomic Senior Research Advisor)

 **HB.B-01.02 HB-Watkins**

 **File: HB-244** 24/02/1961

Letter from Watkins, Robert M. (General Atomic HTGR Chemistry Staff) to Debruijn, Hendrik

 **File: HB-245** 09/03/1961


Letter from Debruijn, Hendrik to Watkins, Robert M. (General Atomic HTGR Chemistry Staff)

 **File: HB-246** 13/03/1961

Letter from Watkins, Robert M. (General Atomic HTGR Chemistry Staff) to Debruijn, Hendrik

 **File: HB-247** 13/03/1961

Letter from Watkins, Robert M. (General Atomic HTGR Chemistry Staff) to Debruijn, Hendrik

 **File: HB-248** 22/03/1961


Letter from Debruijn, Hendrik to Watkins, Robert M. (General Atomic HTGR Chemistry Staff)

 **File: HB-249** 10/04/1961


Letter from Debruijn, Hendrik to Watkins, Robert M. (General Atomic HTGR Chemistry Staff)

 **File: HB-250** 09/05/1961

Letter from Watkins, Robert M. (General Atomic HTGR Chemistry Staff) to Debruijn, Hendrik

 **File: HB-251** 16/05/1961

Letter from Debruijn, Hendrik to Watkins, Robert M. (General Atomic HTGR Chemistry Staff)

 **File: HB-252** 16/05/1961

Letter from Debruijn, Hendrik to Watkins, Robert M. (General Atomic HTGR Chemistry Staff)

 **File: HB-253** 22/05/1961

Letter from Watkins, Robert M. (General Atomic HTGR Chemistry Staff) to Debruijn, Hendrik

 **File: HB-254** 22/05/1961


Letter from Watkins, Robert M. (General Atomic HTGR Chemistry Staff) to Debruijn, Hendrik

 **File: HB-255** 30/06/1961

Letter from Debruijn, Hendrik to Watkins, Robert M. (General Atomic HTGR Chemistry Staff)

 **File: HB-256** 27/07/1961

Letter from Watkins, Robert M. (General Atomic HTGR Chemistry Staff) to Debruijn, Hendrik

 **HB.B-01.03 HB-Others**

 **File: HB-203** 06/07/1961

Note from Debruijn, Hendrik to Hosegood, S.B. and others

 **File: HB-257** 02/11/1962

Letter from Debruijn, Hendrik to Shepherd, Les R.(Dragon Project Office)

 **File: HB-258** 19/12/1962


Letter from Debruijn, Hendrik to Roemberg, Ernst (Dragon Project Office)

 **File: HB-259** 21/12/1962


Letter from Roemberg, Ernst (Dragon Project Office) to Debruijn, Hendrik

 **File: HB-260** 27/05/1963

Letter from Debruijn, Hendrik to Rennie, C.A.(Chief Executive Dragon Project Office)

 **File: HB-261** 11/02/1964

Letter from Hunt, M.T.(United Kingdom Atomic Energy Authority, Patent Agent to the Dragon Project) to Debruijn, Hendrik


 **File: HB-262** 21/09/1964

Letter from Orsenigo, Giuseppe (Comitato Nazionale per l'Energia Nucleare, Servizio Esercizio Impianto Uranium - Thorium, Il Direttore) to Debruijn, Hendrik

 **File: HB-263** 02/12/1965


Cover letter to 2 reports sent to Debruijn, Hendrik by Caspers, L.M. (Technische Hogeschool Delft, Laboratorium voor Technische Natuurkunde)

Language:DUTCH

 **File: HB-264** 04/02/1957 - 18/05/1966

Correspondence on various matters collected by Debruijn, Hendrik

Language:ENGLISH;DUTCH

 **File: HB-265** 09/11/1956 - 24/05/1960

Correspondence concerning the publication of articles and drafts of articles written by Debruijn, Hendrik

HB.B-02 Correspondence by Others

HB.B-02.01 E.Romberg-G.Orsenigo

 **File: HB-266** 11/01/1965

Letter from Orsenigo, Giuseppe (Comitato Nazionale per l'Energia Nucleare, Servizio Esercizio Impianto Uranium - Thorium, Il Direttore) to Roemberg, Ernst (Dragon project office)

 **File: HB-267** 29/01/1965

Letter from Roemberg, Ernst (Dragon project office) to Orsenigo, Giuseppe (Comitato Nazionale per l'Energia Nucleare, Servizio Esercizio Impianto Uranium - Thorium, Il Direttore)

 **File: HB-268** 09/02/1965

Letter from Roemberg, Ernst (Dragon project office) to Orsenigo, Giuseppe (Comitato Nazionale per l'Energia Nucleare, Servizio Esercizio Impianto Uranium - Thorium, Il Direttore)


 **File: HB-269** 25/02/1965

Letter from Roemberg, Ernst (Dragon project office) to Orsenigo, Giuseppe (Comitato Nazionale per l'Energia Nucleare, Servizio Esercizio Impianto Uranium - Thorium, Il Direttore)


 **File: HB-270** 30/04/1965

Letter from Roemberg, Ernst (Dragon project office) to Orsenigo, Giuseppe (Comitato Nazionale per l'Energia Nucleare, Servizio Esercizio Impianto Uranium - Thorium, Il Direttore)


HB.B-02.02 F.C.Wood-G.Orsenigo

 **File: HB-271** 13/10/1964


Letter from Wood, F.C.(Dragon Project) to Orsenigo, Giuseppe (Comitato Nazionale per l'Energia Nucleare, Servizio Esercizio Impianto Uranium - Thorium, Il Direttore)

 **File: HB-272** 28/10/1964

Letter from Wood, F.C.(Dragon Project) to Orsenigo, Giuseppe (Comitato Nazionale per l'Energia Nucleare, Servizio Esercizio Impianto Uranium - Thorium, Il Direttore)

 **File: HB-273** 05/11/1964 - 13/11/1964


2 Letters from Wood, F.C.(Dragon Project) to Orsenigo, Giuseppe (Comitato Nazionale per l'Energia Nucleare, Servizio Esercizio Impianto Uranium - Thorium, Il Direttore)

 **File: HB-274** 17/11/1964

Letter from Wood, F.C.(Dragon Project) to Orsenigo, Giuseppe (Comitato Nazionale per l'Energia Nucleare, Servizio Esercizio Impianto Uranium - Thorium, Il Direttore)

 **File: HB-275** 27/11/1964


Letter from Wood, F.C.(Dragon Project) to Orsenigo, Giuseppe (Comitato Nazionale per l'Energia Nucleare, Servizio Esercizio Impianto Uranium - Thorium, Il Direttore)

 **File: HB-276** 04/12/1964

Letter from Orsenigo, Giuseppe (Comitato Nazionale per l'Energia Nucleare, Servizio Esercizio Impianto Uranium - Thorium, Il Direttore) to Wood, F.C.(Dragon Project)

 **File: HB-277** 09/12/1964

Letter from Wood, F.C.(Dragon Project) to Orsenigo, Giuseppe (Comitato Nazionale per l'Energia Nucleare, Servizio Esercizio Impianto Uranium - Thorium, Il Direttore)


 **File: HB-278** 30/12/1964

Letter from Wood, F.C.(Dragon Project) to Orsenigo, Giuseppe (Comitato Nazionale per l'Energia Nucleare, Servizio Esercizio Impianto Uranium - Thorium, Il Direttore)

HB.B-02.03 L.R.Shepherd-G.Orsenigo


 **File: HB-279** 21/08/1964

Letter from Orsenigo, Giuseppe (Comitato Nazionale per l'Energia Nucleare, Servizio Esercizio Impianto Uranium - Thorium, Il Direttore) to Shepherd,(Deputy Chief Executive Dragon Project Office)


 **File: HB-280** 28/08/1964

Letter from Shepherd, L.R.(Deputy Chief Executive Dragon Project) to Orsenigo, Giuseppe(Comitato Nazionale per l'Energia Nucleare, Servizio Esercizio Impianto Uranium - Thorium, Il Direttore)

HB.B-02.04 Others

 **File: HB-281** 01/06/1961


Letter from Nicholson, M.L., (Secretary to Debruijn, Hendrik) to Watkins, R.M. (General Atomic HTGR Chemistry Staff)

 **File: HB-282** 08/06/1961


Letter from Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry) to Gleuckauf, E. (Atomic Energy Research Establishment)

 **File: HB-283** 05/03/1962


Letter from Hedlund, R.C. (Technical Secretary Dragon Project) to Zumwalt, Lloyd R. (General Atomic Section Leader HTGR Chemistry)

 **File: HB-284** 03/07/1963


Letter from Kohl, J. (General Atomic Coordinator Special Products) to Jacques, T.A.J. (Dragon Project)

 **File: HB-285** 03/07/1964

Letter from Wood, F.C. (Dragon Project) to Jaye, S. (General Atomic Division of General Dynamic)

 **File: HB-286** 11/1964

UKAEA Distribution list for correspondence on fuel reprocessing study

 **File: HB-287** 18/02/1965


Note from Krips, F.J.E. to Bogaardt, M.

Language:DUTCH

 **File: HB-288** 26/05/1965

Note from Tytgat, D. (Euratom Research and Training Division) to Hofman, W. (Dragon Project)

HB.C Energy Politics

 **File: HB-289** 1955


Press-cuttings collected by Debruijn, Hendrik (1955 - 1958 / 1973)

Language:DUTCH

 **File: HB-290** 1957 - 1959


Private notes by Debruijn, Hendrik on 'Herorientatie van de Commissie Onderzoek Programma Euratom' (Reorientation of the investigation committee for the Euratom program)

Language:ENGLISH;DUTCH


 **File: HB-291** 08/04/1959

Première tentative de bilan des recherches nucléaires en cours dans la Communauté à la date du 1. janvier 1958 (First attempt to draw up a balance-sheet of the nuclear research in course in the European Community up to 1. of january 1958)

Language:FRENCH

 **File: HB-292** 01/1961

Second annual report OEEC (01/11/1959 - 31/12/1960)

 **File: HB-293** 12/1960

Press release by General Atomic, Division General Dynamics Corporation San-Diego

 **File: HB-294** 1955


Plans, statistics and formula concerning energy transportation in Europe collected and written by Debruijn, Hendrik

Language:ENGLISH;DUTCH

 **File: HB-295** 1966

Barendregt, T.J. and others: Conception of the Eurochemic plant and its role in the start-up of european fuel cycles

In: Atompraxis 12 Heft 1, Karlsruhe 1966

 **File: HB-296** 11/1965

Went, J.J.: Considerations about the use of natural Uranium and Thorium in a nuclear electricity production programme in the "free world"

 **File: HB-297** 1961

Schenk, Guenther O. and others: Eine Grenztemperatur beim strahlenchemischen Kracken von Paraffin (A limit temperature by radiationchemical cracking of paraffin)

In: Die Naturwissenschaften 17, Berlin

Language:GERMAN


 **File: HB-298** 1966

Marcus, F.R.: Role of waste management at Eurochemic

In: Atompraxis 12 Heft 1, Karlsruhe 1966

 **File: HB-299** 1955

**World symposium on applied solar energy in Phoenix Arizona 01 05/11/1955
Tentative programme**

 **File: HB-300** 08/1965


Went, J.J.: Schattingen betreffende het verbruik van U - 3 - O - 8 voor een nucleair electrisch energie programma in de westerse wereld waarbij gebruik gemaakt kan worden van Uranium zowel als Thorium e n van beproefde geavanceerde en kweekreactoren (Estimations concerning the consumption of U - 3 - O - 8 for a nuclear electricity energy program in the western world where it would be possible to use Uranium aswell as Thorium and the tried advanced breeder reactors)

Language:DUTCH

 **File: HB-301** 1964

South of Scotland Nuclear Station


Scale model photos

 **File: HB-302** 21/08/1958

Veiligheid en economie betreffende de lozing van radioactieve afvalstoffen in de noordzee bij Petten (Economic and security problems concerning the discharge of radioactive material in the Northsea at Petten)

Discussie gehouden te Petten op 18/08/1958

Language:DUTCH

 **File: HB-303** 08/1965

**Barendregt, T.J.: Economische problemen bij de opwerking van bestraalde splijtstof (Economic problems concerning the recycling of radiated fissile material)
Reprinted from: Atoomenergie en haar toepassingen 7, no.8**

Language:DUTCH

 **File: HB-304** 1966

Schueller, W. and others: Verhueting von Kritikalitaetsunfaellen (Safety precautions to prevent criticality accidents)

In: Atompraxis 12 Heft 1

Language:GERMAN

 **File: HB-305** 17/02/1961

**Debruijn, Hendrik: The nuclear energy programme in the Netherlands
Conference held at Winfrith the 17/02/1961**

 **File: HB-306** 1959

Civiel gebruik van kernenergie in Nederland (Civil use of nuclear energy in the Netherlands)

Language:DUTCH

 **File: HB-307** 01/10/1956

Energievoorziening in Nederland door middel van kernenergie (Energy supply through nuclear energy in the Netherlands)

Language:DUTCH

HB.D Documentation

 **File: HB-308** 1950

Nuclear physics

Various authors.

Language:ENGLISH;FRENCH

 **File: HB-309** 1964

The advanced gas cooled reactor

 **File: HB-310** 1965

Ashworth, F.P.O.: Retention of fission products in dispersed fuels

Billinge, B.H.M.: The chemisorption of sulphur dioxide on carbons

Davidson, H.W., Losty, H.H.W.: The initial pyrolysis of celluloses

Losty, H.H.W., Blakelock, H.D.: The structure and properties of partially pyrolysed cellulose carbons

Gray, B.S., Brocklehurst, J.E. and others: A statistical study of thermal expansion and irradiation growth behaviour of reactor graphite


Napier, B.A., Spencer, D.H.T.: The porosity of synthetic graphite at elevated temperatures - an interim note

Uncorrected preprints for publication by the Society of Chemical Industry

 **File: HB-311** 1952


Bakker, Jan: Kinetics of the emulsion polymerization of styrene

PhD thesis University of Utrecht

 **File: HB-312** 04/1962


Braun, A.R., Bustraan, M and others: Graphite irradiation experiment - Design study for the OECD - HTR Project Dragon

Contents also: 5 drawings

 **File: HB-313** 12/1964


The Chemical Engineer no. 184

Transactions of the institution of chemical engineers vol. 42 no. 10


 **File: HB-314** 07/11/1953

Chemisch Weekblad (Weekly paper for chemistry) - Orgaan van de koninklijke nederlands chemische vereniging 49. jaargang no. 45

Language:DUTCH


 **File: HB-315** 09/1962

Comitato Nazionale per l'Energia Nucleare: Preliminary proposal for a research and development programme on head-end reprocessing for the Dragon fuel

 **File: HB-317** 12/1960


Commissie voor de nucleaire industriële ontwikkeling: Rapport aangaande de industriële ontwikkeling in het kernreactorgebied (Committee for the development of nuclear industry: report concerning the industrial development of nuclear reactors)

Language:DUTCH

 **File: HB-318** 05/1964


Corns, H., Clelland, D.W. and others: The new separation plant windscale: design of plant and plant control methods

Third United Nations international conference on the peaceful uses of atomic energy

 **File: HB-319** 05/1964

Culler, F.L, Blanco, R.E. : Advances in aqueous processing of power reactor fuels

Third United Nations international conference on the peaceful uses of atomic energy

 **File: HB-320** 07/1955

Debruijn, Hendrik, Hermans, M.E.A. and others: The design of a small scale prototype of a homogeneous power reactor fuelled with a Uranium oxide suspension

International conference on the peaceful uses of atomic energy

 **File: HB-321** 1957

Debruijn, Hendrik, Houtman, J.P.W. and others: Kernsplijting energieproductie en chemie (Core fissile energyproduction and chemistry)


Reactor Centrum Nederland Mededeling no.1 1957

Language:DUTCH

 **File: HB-322** 12/1964

Debruijn, Hendrik, Gruetter, A. and others: Removal of fission product noble gases from the helium of a HTGCR using charcoal at low temperature

Reprinted from: The transactions of the institution of chemical engineers vol.42 no. 10

 **File: HB-323** 08/1959


De Havilland Marine Reactor System

Reprinted from: De Havilland Gazette no. 112

 **File: HB-324** 04/01/1963

De Ingenieur, Jaargang 75 no. 1


Language:DUTCH

 **File: HB-325** 01/1956


Technologie en constructie van kernreactoren: Verslag van de Leergang gehouden te Delft van 29/08/1955 tot 02/09/1955 (Technology and construction of nuclear reactors: Report of the course held in Delft from 29/08/1955 to 02/09/1955),

edited by De Jong, J.

Language:DUTCH


 **File: HB-326** 09/1964

De Nordwall, H.J., Pattison, J.: The migration of Uranium through the pyrocarbon coating of coated particle fuels on heating

 **File: HB-327** 05/1957

Technologie en constructie van kernreactoren, deel I: Verslag van de Leergang gehouden te Delft van 10/09/1956 tot 14/09/1956 (Technology and construction of nuclear reactors, part I: Report of the course held in Delft 1956)

Language:DUTCH

 **File: HB-329** 05/1957

Technologie en constructie van kernreactoren, deel II: Verslag van de Leergang gehouden te Delft van 10/09/1956 tot 14/09/1956 (Technology and construction of nuclear reactors, part II: Report of the course held in Delft from 10/09/1956 to 14/09/1956), edited by De Roos, J.L.

Language:DUTCH

File: HB-330 17/08/1964

General Atomic, Division of General Dynamics: Design study report for target, A 1000 - Mw(e) HTGCR

John Jay Hopkins Laboratory for pure and applied science San-Diego

File: HB-331 1958

De uitdaging van het atoom (The challenge of the atom), edited by N.V. de Arbeiderspers voor de Doctor Wiardi Beckman stichting

Language:DUTCH

File: HB-332 26/02/1957

De Vries, A.J.: Foam stability, part I: Structure and stability of foams

Reprinted from: Recueil des travaux chimiques des Pays-Bas no.2, 02/1958, edited by the Koninklijke Nederlandse Chemische Vereniging The Hague

File: HB-333 1959

Donn, S.G., Labaton, V.Y.: Design of the chemical clean-up system for the coolant of the high temperature reactor experiment (Technical note)

File: HB-340 1964

Durup, Marie: Processus d'autoxydation d'hydrocarbures en phase condensée sous rayonnement. Propositions données par la faculté (The process of autooxidation of irradiated hydrofuel in condensed stage. Proposals given by the faculty)

PhD thesis University of Paris

Language:FRENCH

File: HB-341 05/1964

Dzung, L.S.: Thermal problems of gas-cooled reactors for magnetohydrodynamic power generation

Third United Nations international conference on the peaceful uses of atomic energy

File: HB-343 09/1960 - 10/1960

Europa Nucleare vol.3, no.5

Language:GERMAN;ENGLISH;FRENCH;ITALIAN;DUTCH

File: HB-345 11/1961

Ferris, L.M., Kibbey, A.H. and others: Processes for recovery of Uranium and Thorium from graphite-base fuel elements part II

File: HB-346 1963

Foeldiák, G., Páal, Z.: Radiation chemical cracking of hydrocarbons subjected to an electric field

Proceedings of the Tihany symposium on radiation chemistry

File: HB-347 01/1964

Fortescue, P., Nicoll, D. and others: HTGR - Underlying principles and design

Reprinted from: Nucleonics vol.18 no.1

File: HB-348 05/1964

Fortescue, P., Shanstrom, R. and others: Gas cooling for fast reactors

Third United Nations international conference on the peaceful uses of atomic energy

 **File: HB-349** 21/08/1964

**Fryar, R.M.: A conceptual design of a 1000 - Mw(e) HTGR
Presented at the annual meeting of the American Nuclear Society, Philadelphia, Pennsylvania 15 - 17/06/1964 and printed in the "Transactions" of the meeting vol.7 no.1**

 **File: HB-350** 17/06/1963

**General atomic metallurgy staff: Irradiation of experimental graphites
Presented at the Libby-Cockcroft graphite radiation effects meeting on the 24 - 25/06/1963 at the General Electric Company's Hanford atomic products operation, Richland Washington**

 **File: HB-351** 1960

**Gronlund, Finn: Etude du processus de germination dans la réaction de l'oxygène sur le cuivre aux températures élevées(Study of the process of germination in the reaction of oxygen with copper at high temperatures)
Publications scientifiques et techniques du ministère de l'air, Paris
Language:FRENCH**

 **File: HB-353** 1960


**Hedden, Kurt: Die Methanbildung aus Wasserstoff und Graphit bei hohen Temperaturen und Drucken (The development of methane from graphite and hydrogen with high temperature and compression, Post Doctoral Thesis University of Muenster) Habilitationsschrift vorgelegt der mathematisch - naturwissenschaftlichen Fakultät der Universitaet Muenster
Language:GERMAN**

 **File: HB-355** 03/1965


**Hilliard, A. and others: Second industrial carbon and graphite conference 07/ - 09/04/1965
Uncorrected reprints**

 **File: HB-356** 1963

**Houtman, J.P.W., Van Bueren, H.G. and others: Invloed van ioniseren e straling op materie (The influence of ionizing radiation on matter)
Reactor Centrum Nederland Mededeling no.9 1963
Language:DUTCH**

 **File: HB-359** 04/1963

The Journal of the British Nuclear Energy Society, vol.2 no.2

 **File: HB-360** 07/1963

The Journal of the British Nuclear Energy Society, vol.2 no.3, 07/1963

 **File: HB-361** 1963

**Debruijn, Hendrik: HTGC nuclear power reactors
Reprinted from:Transactions of the institution of chemical engineers vol 41 no.2**

 **File: HB-362** 1956


**Kooi, Jacob: Tracer experiments on the solvent extraction of neptunium and plutonium
PhD thesis University of Amsterdam**

 **File: HB-363** 1960

Kruyt, H.R.: Hooge school en maatschappij (University and society), Amsterdam
Language:DUTCH

 **File: HB-364** 02/06/1965


Lane, James A. (Oak Ridge National Laboratory): The economic incentive for Thorium reactor development
Paper to be presented at the IAEA symposium on Thorium utilization in power reactors, Vienna 14 - 18/06/1965

 **File: HB-365** 05/1964

Lindley, B.C.: Nuclear magnetoplasmadynamic energy conversion
Third United Nations international conference on the peaceful uses of atomic energy

 **File: HB-366** 05/1965


Lotts, A.L., Douglas, D.A. and others: Refabrication technology and costs for HTGCR fuels
Oak Ridge National Laboratory

 **File: HB-367** 03/1955

McLain, Stuart: Reactor engineering lectures
Argonne National Laboratory

 **File: HB-368** 1937


Mac Gillavry, Henry James: Geology of the province of Camaguey, Cuba, with revisional studies in rudist paleontology (mainly based upon collections from Cuba)
PhD thesis University of Utrecht

 **File: HB-369** 05/1964


Manowitz, B., Steinberg, M. and others: The development of chemonuclear processes
Third United Nations international conference on the peaceful uses of atomic energy

 **File: HB-370** 1958


Nederlandse Delegatie Atoomconferentie Genève: Rapport van de groep chemie en metallurgie (Dutch Delegation Atomconference Genève:Report of the chemical and metallurgy group)
Language:DUTCH

 **File: HB-371** 03/1960


Netherlands Nuclear Energy Committee: A survey of the nuclear energy organisation

 **File: HB-372** 07/1961


Nuclear Graphite
OEEC Dragon project symposium held at Bournemouth in 11/1959


 **File: HB-373** 10/1958

Nuclear Power, the journal of british nuclear engineering: Geneva report, vol.3 no.30


 **File: HB-374** 09/1959


Nuclear Power: reactors, materials, instrumentation, processes, radiation. vol.4 no.41

 **File: HB-375** 09/1954
Nucleonics vol.12 no.9


 **File: HB-376** 1960
Oldroyd, J.G., Schnurmann, Robert and others: Section C, rheological properties of various systems and Section D, biological systems

 **File: HB-377** 1956
The Organization for European Economic Co-operation, history and structure Paris
Language:ENGLISH

 **File: HB-378** 1931 - 1932
Ornstein, L.S.: Kinetische gastheorie (Kinetic gastheory)
Language:DUTCH

 **File: HB-379** 1931 - 1932
Ornstein, L.S.: Physische optica (Physical optics)
Language:DUTCH


 **File: HB-380** 1957 - 1958
Overbeek, J.Th.G.: Levensbericht van Frederick George Donnan (05/09/1870 - 16/12/1956) (Vitae of Frederick Georg Donnan)
Language:DUTCH


 **File: HB-381** 1963
OECD/European Nuclear Energy Agency: Statute of the agency, convention on security control, european nuclear energy tribunal, acts relating to joint undertakings (Eurochemic, Halden, Dragon) Paris 1957 - 1963
Language:ENGLISH;FRENCH

 **File: HB-382** 09/1962
OECD/European Nuclear Energy Agency: Fourth report on the activities of the agency Paris


 **File: HB-383** 07/1963
OECD/European Nuclear Energy Agency: Fifth report on the activities of the agency Paris

 **File: HB-384** 09/1964
OECD/European Nuclear Energy Agency: Sixth report on the activities of the agency Paris

 **File: HB-385** 1958
OECD/European Nuclear Energy Agency: Estimates of nuclear energy production in Europe 1958 - 1965, national programmes, basis for calculating capital costs, cost factors Paris

 **File: HB-387** 01/1960
OECD/European Nuclear Energy Agency: Second report on the activities of the agency, presented to the consultative assembly of the council of Europe

Paris

 **File: HB-389** 09/1961

OECD/European Nuclear Energy Agency: Third report on the activities of the agency
Paris

 **File: HB-390** 1962

Páal, Z., Foeldiák, G.: Chemical dosimetry of the radiation chemical effect of the silent electric discharge
Proceedings of the Tihany symposium on radiation chemistry

 **File: HB-391** 1927

Perrin, Jean: Les atomes (The atoms)
Paris


Language:FRENCH

 **File: HB-392** 1961

Platzek, P., Arlman, J.J. and others: Toepassingen van radioisotopen (Application of radioisotopes)


Reactor Centrum Nederland Mededeling no.6 1961

Language:DUTCH

 **File: HB-395** 09/1953

Proceedings of the Kjeller conference on heavy reactors. Edited by Goedkoop, J.A. and Jensen, G., Jener publications no.7

Organised by the joint establishment for nuclear energy research held at Kjeller and Oslo 11 - 13/08/1953

 **File: HB-396** 09/1956

Reactor Centrum Nederland, Stichting ter ontwikkeling van atoomergie voor vreedzame doeleinden: Verslag over het tweede halfjaar 1955 (Report on the activities in the second semester 1955)

Language:DUTCH

 **File: HB-397** 1957

Reactor Centrum Nederland, Stichting ter ontwikkeling van atoomergie voor vreedzame doeleinden: Verslag over het jaar 1956 (Report on the activities 1956)

Language:DUTCH

 **File: HB-398** 1958

Reactor Centrum Nederland, Institute for the development of nuclear science for peaceful purposes: Summary of activities 1957

 **File: HB-399** 1958

Reactor Centrum Nederland, Stichting ter ontwikkeling van atoomergie voor vreedzame doeleinden: Verslag over het jaar 1957 (Report on the activities in the year 1957)

Language:DUTCH

 **File: HB-400** 1959

Reactor Centrum Nederland, Stichting ter ontwikkeling van atoomergie voor vreedzame doeleinden: Verslag over het jaar 1958 (Report on the activities in the year 1958)

Language:DUTCH

 **File: HB-401** 1960

Reactor Centrum Nederland, Stichting ter ontwikkeling van atoomeergie voor vreedzame doeleinden: Verslag over het jaar 1959 (Report on the activities 1959)
Language:DUTCH


 **File: HB-402** 09/1960
Reactor Centrum Nederland: Fuel irradiation experiment Design study for the OECD - HTR Project Dragon
Contents also: 7 drawings
Language:ENGLISH;DUTCH

 **File: HB-403** 1962
Reactor Centrum Nederland: Jaarverslag 1961 (Report of activities 1961)
Language:DUTCH


 **File: HB-405** 1963
Reactor Centrum Nederland: Jaarverslag 1962 (Report of activities 1962)
Language:DUTCH


 **File: HB-406** 1964
Reactor Centrum Nederland: Jaarverslag 1963 (Report of activities 1963)
Language:DUTCH


 **File: HB-407** 11/1964
Reactor Centrum Nederland: Summary of activities 07/1963 - 07/1964


 **File: HB-408** 1965
Reaktorzentrum Seibersdorf Austria: The research potential of Austria's National Atomic Organization


 **File: HB-409** 09/1964
Reynolds, W.N., Throver, P.A. and others: Radiation damage in graphite at 1200 o C

 **File: HB-410** 01/1965
Rosenthal, M.W., Adams, R.E. and others: A comparative evaluation of advanced converters
Oak Ridge National Laboratory

 **File: HB-411** 29/06/1961
Saunders, A.R.: A study of fission product transport mechanisms in HTGCR fuel elements
Oak Ridge National Laboratory

 **File: HB-412** 1959
Schulten, R., Beller mann, W. and others: Der Hochtemperaturreaktor von BBC/Krupp (The high temperature reactor from BBC/Krupp)
Reprinted from: Die Atomwirtschaft Heft 9
Language:GERMAN

 **File: HB-413** 1941
Schuringa, Garrelt, Jurjen: De foto - inactivering van auxine-a-lacton (The photo - inactivation of auxine-a-lacton)
PhD thesis University of Utrecht
Language:DUTCH

 **File: HB-414** 03/07/1944 - 04/07/1944

**Tweede symposium over sterke electrolyten en over de elektrische dubbellaag
(Second symposium on strong electrolytes and the electric double layer)
Gehouden te Utrecht op 03 - 04/07/1944 door de secties voor Fysische Chemie en
voor Kolloïdchemie der Nederlandsche Chemische Vereeniging
Language:DUTCH**

File: HB-415 04/07/1949 - 08/07/1949
**Section of Applied Physics of the Netherlands Physical Society: Programme of the
conference on electron microscopy at Delft 04 08/07/1949**

File: HB-416 05/1964
**Simmons, J.H.W., Kelly, B.T. and others: The irradiation behaviour of graphite
Third United Nations International Conference on the peaceful uses of atomic
energy**

File: HB-417 1963
**Simonis, P.H.J.: Invloed van kernstraling op de eigenschappen van
constructiestaal, de gevolgen daarvan voor het ontwerpen en vervaardigen van
reactordrukvaten (The influence of kernelradiation on the properties of
constructionsteel and the consequences for the planning and manufacturing of
the reactor pressure barrel)
Reactor Centrum Nederland Mededeling no.8 1963
Language:DUTCH**

File: HB-418 17/06/1963 - 21/06/1963
**Programme of the Sixth biennial conference on carbon
The University of Pittsburgh, Pennsylvania**

File: HB-419 05/1961
**Stamford, S: A review of the properties of silicon carbide relevant to high
temperature reactors
United Kingdom Atomic Energy Authority Reactor Group**

File: HB-420 02/1958
**Steinberg, M., Manowitz, B.: An absorption process for recovery of fission product
noble gases**

File: HB-422 1960
**Stichting voor Fundamenteel Onderzoek der Materie, Stichting Instituut voor
Kernfysisch Onderzoek (Foundation for Fundamental Research on Matter,
Foundation Institute for Nuclear Physics Research): Jaarverslagen 1959 (Report of
activities in the year 1959)
Utrecht
Language:DUTCH**

File: HB-423 1961
**Stichting voor Fundamenteel Onderzoek der Materie, Stichting Instituut voor
Kernfysisch Onderzoek (Foundation for Fundamental Research on Matter,
Foundation Institute for Nuclear Physics Research): Jaarverslagen 1960 (Report of
activities 1960)
Utrecht
Language:DUTCH**

File: HB-424 1962
**Stichting voor Fundamenteel Onderzoek der Materie, Stichting Instituut voor
Kernfysisch Onderzoek (Foundation for Fundamental Research on Matter,**

Foundation Institute for Nuclear Physics Research): Jaarverslagen 1961 (Report of activities 1961)

Utrecht

Language:DUTCH

 **File: HB-425** 1963

Stichting voor Fundamenteel Onderzoek der Materie, Stichting Instituut voor Kernfysisch Onderzoek (Foundation for Fundamental Research on Matter, Foundation Institute for Nuclear Physics Research): Jaarverslagen 1962 (Report of activities 1962)

Utrecht

Language:DUTCH

 **File: HB-426** 1960


Stichting voor Fundamenteel Onderzoek der Materie (Foundation for Fundamental Research on Matter): Vierjaren-ontwikkelingsplan 1961 1964 (Fouryear development project 1961 - 1964)

Language:DUTCH


 **File: HB-427** 1964

Tape, Gerald F., Pittman, Frank K. and others: Future energy needs and the role of nuclear power

Third United Nations International Conference on the peaceful uses of atomic energy

 **File: HB-428** 08/1955

United States Atomic Energy Commission: Chemical processing and Equipment Vol.6 of the 'Selected reference material on atomic energy' edited by The United States of America


 **File: HB-429** 10/1956

Comité d'Etude des Producteurs de Charbon d'Europe Occidentale:L'application de l'énergie nucléaire dans le domaine de la production d'énergie Mécanique et électrique et son incidence sur l'industrie charbonnière (The application of nuclear energy in the production of mechanical and electric energy and the effects on coal industry)

Bruxelles

Contents also: Coverletter from Ter Horst (Secretary to the 'Gezamenlijke steenkolenmijnen in Limburg') to the editors of the 'Chemisch Weekblad' (14/02/1957)

Language:FRENCH;DUTCH

 **File: HB-430** 04/1965

Van Der Plas, Th., Noothout, A.J. and others: Basic studies related to the development of the sol-gel process

 **File: HB-431** 1949

Van Dijck, W.J.D.: Symposium over recente toepassingen van fysische scheidingsmethoden voor homogene mengsels (Symposium on recent applications of methods for physical separation of homogeneous mixtures)

Reprint from: Voordrachten no.3 1949 K. I. v. I.

Language:DUTCH

 **File: HB-432** 1938

Van Tongeren, W.: I.: The spectographic determination of the elements according to arc methods in the range 3600 - 5000 A. II. On the occurrence of rarer elements in the Netherlands East Indies

Contributions to the knowledge of the chemical composition of the earth's crust in the East Indian Archipelago, I,II, Amsterdam

 **File: HB-433** 1932

Veenemans, Cornelis Frederik: Optische constanten uit lichtabsorptiemetingen aan dunne metaallaagjes (Optical constants by light absorption measuring of thin metal layers)

PhD thesis University of Utrecht

Language:DUTCH

 **File: HB-434** 1935

Veldstra, Haaye: Over muscarine, onderzoek naar de structuur door synthese (On muscarine, an investigation of the structure through synthesis)


PhD thesis University of Utrecht

Language:DUTCH

 **File: HB-435** 1960

Verstegen, Judicus Marinus Pieter Jan: The mechanism of sulfuric acid and Uranium extraction by tertiary amines

PhD thesis University of Amsterdam

 **File: HB-436** 08/08/1955 - 20/08/1955

Verslag van de Nederlandse delegatie naar de wetenschappelijke conferentie van de Verenigde Naties op het gebied van de vreedzame toepassingen van de kernenergie (Report by the Dutch delegation to the scientific conference of the United Nations on peaceful uses of nuclear energie)


Language:DUTCH

 **File: HB-437** 18/02/1958

Voorlopige verslag no.3 : Nota inzake kernenergie (opwekking van elektriciteit door middel van kernenergie) (Provisional report no.3:Note concerning nuclear energy (Generation of electricity with nuclear energy))


In: Zitting 1957/1958 - 4727

Language:DUTCH

 **File: HB-438** 05/1964


Warner, B.F., Marshall, W.W. and others: The development of the new separation plant, Windscale

Third United Nations International Conference on the peaceful uses of atomic energy

 **File: HB-439** 09/1954

Went, J.J., Debruijn, Hendrik: New designs for power: Fluidized- and liquid-fuel reactors with Uranium oxides

Reprinted from: Nucleonics vol.12 no.9

 **File: HB-441** 06/07/1955

Stichting Reactor Centrum Nederland: Acte van oprichting met statuten (Memorandum of association of the foundation 'Reactor Centrum Nederland')

Language:DUTCH