



Joint Thesaurus Supplement

February 2012

JOINT THESAURUS SUPPLEMENT

This is a supplement to IAEA-ETDE/INIS-1.

This supplement is provided periodically to keep *ETDE/INIS Joint Thesaurus* recipients up-to-date on valid vocabulary terms (descriptors) used in building and maintaining several international energy information databases.

Each issue contains all new terms added since the publication of the most recent version of the Thesaurus. Terms added during the last reporting period are indicated by a small arrow (→) in the left margin. Each supplement is a cumulative listing of the new terms, so that each issue replaces the previous one.

The format of supplement entries is the same as that of the Thesaurus. Descriptions of the components of the wordblocks and other information on the descriptors are given in the *ETDE/INIS Joint Thesaurus*.

The *ETDE/INIS Joint Thesaurus* (IAEA-ETDE/INIS-1), is available for sale. For information on how to obtain a copy, call 865-576-8401.

Deletions from the Joint Thesaurus

1 January 2012 - 31 January 2012

IAEA-ETDE/INIS-1 (Rev. 2)

Ardennes B-1 Reactor

DA 19 August 2010
USE Chooz-B1 Reactor

Ardennes B-2 Reactor

DA 19 August 2010
USE Chooz-B2 Reactor

Ardennes Reactor

DA 19 August 2010
USE Chooz-A Reactor

Belleville sur Loire-1 Reactor

DA 19 August 2010
USE Belleville-1 Reactor

Belleville sur Loire-2 Reactor

DA 19 August 2010
USE Belleville-2 Reactor

Chinon-1 Reactor

DA 19 August 2010
USE Chinon-A1 Reactor

Chinon-2 Reactor

DA 19 August 2010
USE Chinon-A2 Reactor

Chinon-3 Reactor

DA 19 August 2010
USE Chinon-A3 Reactor

Cogema

DA 31 March 2010
USE Areva NC

Cogema La Hague

DA 31 March 2010
USE Areva NC La Hague

Cogema Marcoule

DA 31 March 2010
USE Areva NC Marcoule

Cogema Pierrelatte

DA 31 March 2010
USE Areva NC Pierrelatte

Element 112

DA 25 May 2010
USE Copernicium

Element 112 277

DA 25 May 2010
USE Copernicium 277

Element 112 283

DA 25 May 2010
USE Copernicium 283

Element 112 Compounds

DA 25 May 2010
USE Copernicium Compounds

Element 112 Isotopes

DA 25 May 2010
USE Copernicium Isotopes

INEEL

DA 7 June 2011
USE Idaho National Laboratory

Lapps

DA 29 August 2008
USE Sami People

Nogent sur Seine-1 Reactor

DA 20 August 2010
USE Nogent-1 Reactor

Nogent sur Seine-2 Reactor

DA 20 August 2010
USE Nogent-2 Reactor

PSTR Reactor

DA 28 September 2010
USE PSBR Reactor

Quaternary Compounds

DA 28 August 2009
SEE Quaternary Alloy Systems
OR Quaternary Ammonium Compounds

Saint Laurent-1 Reactor

DA 20 August 2010
USE Saint Laurent-A1 Reactor

Saint Laurent-2 Reactor

DA 20 August 2010
USE Saint Laurent-A2 Reactor

Serbia and Montenegro

DA 17 November 2006
SEE Montenegro
OR Serbia

Super Phenix Reactor

DA 20 August 2010
USE Superphenix Reactor

Additions to the Joint Thesaurus

1 January 2012 - 31 January 2012

This supplement contains all the terms added since 30 September 2006, the cutoff date of IAEA-ETDE/INIS-1 (Rev. 2). Terms marked ➤ were added since the previous update.

ACCIDENT MANAGEMENT

(Coordinate with descriptors for the type of accident and actions taken to manage it.)

DA 23 December 2008

BT1 Management

RT Accidents

RT Emergency Plans

RT First Aid

RT Liabilities

RT Safety

RT Victims Compensation

RT Workmens Compensation

ACTINIUM 206

DA 25 September 2007

BT1 Actinide Nuclei

BT1 Actinium Isotopes

BT1 Alpha Decay Radioisotopes

BT1 Milliseconds Living Radioisotopes

BT1 Odd-Odd Nuclei

ACTINIUM 235

DA 25 September 2007

BT1 Actinide Nuclei

BT1 Actinium Isotopes

BT1 Beta-Minus Decay Radioisotopes

BT1 Odd-Even Nuclei

BT1 Seconds Living Radioisotopes

ACTINIUM 236

DA 25 September 2007

BT1 Actinide Nuclei

BT1 Actinium Isotopes

BT1 Beta-Minus Decay Radioisotopes

BT1 Odd-Odd Nuclei

ACTINIUM HALIDES

DA 29 February 2008

BT1 Actinium Compounds

BT1 Halides

NT1 Actinium Bromides

NT1 Actinium Chlorides

NT1 Actinium Fluorides

ALTERNATIVE FUELS

DA 31 January 2011

BT1 Fuels

NT1 Biofuels

NT1 Refuse Derived Fuels

NT1 Solvent-Refined Coal

NT1 Synthetic Fuels

RT Bioethanol

RT Biomass

RT Fuel Substitution

ALUMINIUM 21

DA 25 September 2007

BT1 Aluminium Isotopes

BT1 Light Nuclei

BT1 Odd-Even Nuclei

BT1 Proton Decay Radioisotopes

ALUMINIUM 41

DA 25 September 2007

BT1 Aluminium Isotopes

BT1 Beta-Minus Decay Radioisotopes

BT1 Intermediate Mass Nuclei

BT1 Odd-Even Nuclei

ALUMINIUM 42

DA 25 September 2007

BT1 Aluminium Isotopes

BT1 Beta-Minus Decay Radioisotopes

BT1 Intermediate Mass Nuclei

BT1 Odd-Odd Nuclei

AMERICIUM 231

DA 25 September 2007

BT1 Actinide Nuclei

BT1 Alpha Decay Radioisotopes

BT1 Americium Isotopes

BT1 Electron Capture Radioisotopes

BT1 Odd-Even Nuclei

BT1 Seconds Living Radioisotopes

AMERICIUM 248

DA 25 September 2007

BT1 Actinide Nuclei

BT1 Americium Isotopes

BT1 Beta-Minus Decay Radioisotopes

BT1 Minutes Living Radioisotopes

BT1 Odd-Odd Nuclei

AMERICIUM 249

DA 25 September 2007

BT1 Actinide Nuclei

BT1 Americium Isotopes

BT1 Beta-Minus Decay Radioisotopes

BT1 Minutes Living Radioisotopes

BT1 Odd-Even Nuclei

AMERICIUM HALIDES

DA 29 February 2008

BT1 Americium Compounds

BT1 Halides

NT1 Americium Bromides

NT1 Americium Chlorides

NT1 Americium Fluorides

NT1 Americium Iodides

ANGIOGENESIS

DA 27 January 2009

RT Blood Vessels

RT Carcinogenesis

RT Growth Factors

RT Neoplasms

DEF Growth of new blood vessels.

ANTI DE SITTER GROUP

DA 15 August 2007

BT1 Lie Groups

RT Anti De Sitter Space

ANTI DE SITTER SPACE

DA 15 August 2007

BT1 Mathematical Space

RT Anti De Sitter Group

RT Lorentz Groups

RT Space-Time

RT String Theory

RT Superstring Theory

ANTIMONY 103

DA 27 September 2007

BT1 Antimony Isotopes

BT1 Electron Capture Radioisotopes

BT1 Intermediate Mass Nuclei

BT1 Odd-Even Nuclei

ANTIMONY 137

DA 27 September 2007

BT1 Antimony Isotopes

BT1 Beta-Minus Decay Radioisotopes

BT1 Intermediate Mass Nuclei

BT1 Odd-Even Nuclei

ANTIMONY 138

DA 27 September 2007

BT1 Antimony Isotopes

BT1 Beta-Minus Decay Radioisotopes

BT1 Intermediate Mass Nuclei

BT1 Odd-Odd Nuclei

ANTIMONY 139

DA 27 September 2007

BT1 Antimony Isotopes

BT1 Beta-Minus Decay Radioisotopes

BT1 Intermediate Mass Nuclei

BT1 Odd-Even Nuclei

ANTIQUARKS

DA 28 June 2007

BT1 Antiparticles

BT1 Quarks

NT1 B Antiquarks

NT1 C Antiquarks

NT1 D Antiquarks

NT1 S Antiquarks

NT1 T Antiquarks

NT1 U Antiquarks

AREVA NC

(Areva Nuclear fuel Cycle. Known as Cogema before name change in 2006, and older material is indexed to COGEMA.)

DA 31 March 2010

UF *Cogema*

SF *Compagnie Generale des Matieres Nucleaires*

BT1 French Organizations

NT1 Areva NC La Hague

NT1 Areva NC Malvesi

NT1 Areva NC Marcoule

NT1 Areva NC Miramas

NT1 Areva NC Pierrelatte

RT CEA

AREVA NC LA HAGUE

(Prior to name change in 2006 this facility was known as COGEMA LA HAGUE, and older material is so indexed.)

DA 31 March 2010

UF *Cogema La Hague*

BT1 Areva NC

BT1 Fuel Reprocessing Plants

AREVA NC MALVESI

DA 31 March 2010

BT1 Areva NC

BT1 Feed Materials Plants

AREVA NC MARCOULE

(Prior to name change in 2006 this facility was known as COGEMA MARCOULE, and older material is so indexed.)

DA 31 March 2010

UF *Cogema Marcoule*

BT1 Areva NC

AREVA NC MIRAMAS

DA 31 March 2010

BT1 Areva NC

BT1 Isotope Separation Plants

AREVA NC PIERRELATTE

(Prior to name change in 2006 this facility was known as COGEMA PIERRELATTE, and older material is so indexed.)
DA 31 March 2010
UF *Cogema Pierrelatte*
BT1 Areva NC
BT1 Isotope Separation Plants

ARGENTINE NASA

(Argentine Nucleoelectrica Argentina SA (NASA), Buenos Aires, Argentina)
DA 30 March 2009
UF *NASA (Argentina)*
BT1 Argentine Organizations

ARGON 30

DA 12 January 2007
BT1 Argon Isotopes
BT1 Even-Even Nuclei
BT1 Light Nuclei
BT1 Nanoseconds Living Radioisotopes
BT1 Proton Decay Radioisotopes

ARGON 48

DA 12 January 2007
BT1 Argon Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes

ARGON 52

DA 12 January 2007
BT1 Argon Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes

ARGON 53

DA 12 January 2007
BT1 Argon Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes

ARSENIC 60

DA 23 April 2007
BT1 Arsenic Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei

ARSENIC 61

DA 23 April 2007
BT1 Arsenic Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei

ARSENIC 62

DA 23 April 2007
BT1 Arsenic Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei
BT1 Proton Decay Radioisotopes

ARSENIC 63

DA 23 April 2007
BT1 Arsenic Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei
BT1 Proton Decay Radioisotopes

ARSENIC 88

DA 23 April 2007
BT1 Arsenic Isotopes
BT1 Beta-Minus Decay Radioisotopes

BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei

ARSENIC 89

DA 23 April 2007
BT1 Arsenic Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei

ARSENIC 90

DA 23 April 2007
BT1 Arsenic Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei

ARSENIC 91

DA 23 April 2007
BT1 Arsenic Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei

ARSENIC 92

DA 23 April 2007
BT1 Arsenic Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei

ASTATINE 192

DA 12 January 2007
BT1 Alpha Decay Radioisotopes
BT1 Astatine Isotopes
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei

ASTATINE HALIDES

DA 29 February 2008
BT1 Astatine Compounds
BT1 Halides
NT1 Astatine Bromides
NT1 Astatine Chlorides
NT1 Astatine Iodides

AUTOIGNITION

DA 12 January 2007
BT1 Ignition
RT Antiknock Ratings
RT Internal Combustion Engines
RT Knock Control
RT Spontaneous Combustion

B ANTIQUARKS

DA 28 June 2007
BT1 Antiquarks
BT1 B Quarks

BARIUM 150

DA 27 September 2007
BT1 Barium Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes

BARIUM 151

DA 27 September 2007
BT1 Barium Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei

BARIUM 152

DA 27 September 2007
BT1 Barium Isotopes

BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei

BARIUM 153

DA 27 September 2007
BT1 Barium Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei

BELLEVILLE-1 REACTOR

(Electricite de France, Belleville-sur-Loire/Sury-pres-Lere, Cher, France. Prior to August 2010 BELLEVILLE SUR LOIRE-1 REACTOR was used for this reactor.)
DA 19 August 2010
UF *Belleville sur Loire-1 Reactor*
BT1 PWR Type Reactors

BELLEVILLE-2 REACTOR

(Electricite de France, Belleville-sur-Loire/Sury-pres-Lere, Cher, France. Prior to August 2010 BELLEVILLE SUR LOIRE-2 REACTOR was used for this reactor.)
DA 19 August 2010
UF *Belleville sur Loire-2 Reactor*
BT1 PWR Type Reactors

BERKELIUM 235

DA 17 July 2007
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Berkelium Isotopes
BT1 Electron Capture Radioisotopes
BT1 Odd-Even Nuclei
BT1 Seconds Living Radioisotopes

BERKELIUM 236

DA 17 July 2007
BT1 Actinide Nuclei
BT1 Berkelium Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT1 Electron Capture Radioisotopes
BT1 Odd-Odd Nuclei

BERKELIUM 237

DA 17 July 2007
BT1 Actinide Nuclei
BT1 Berkelium Isotopes
BT1 Electron Capture Radioisotopes
BT1 Odd-Even Nuclei

BERKELIUM 238

DA 17 July 2007
BT1 Actinide Nuclei
BT1 Berkelium Isotopes
BT1 Beta-Plus Decay Radioisotopes
BT1 Electron Capture Radioisotopes
BT1 Minutes Living Radioisotopes
BT1 Odd-Odd Nuclei

BERKELIUM 239

DA 17 July 2007
BT1 Actinide Nuclei
BT1 Berkelium Isotopes
BT1 Electron Capture Radioisotopes
BT1 Minutes Living Radioisotopes
BT1 Odd-Even Nuclei

BERKELIUM 252

DA 17 July 2007
BT1 Actinide Nuclei
BT1 Berkelium Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT1 Minutes Living Radioisotopes
BT1 Odd-Odd Nuclei

BERKELIUM 253

DA 17 July 2007
BT1 Actinide Nuclei
BT1 Berkelium Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT1 Minutes Living Radioisotopes
BT1 Odd-Even Nuclei

BERKELIUM 254

DA 17 July 2007
BT1 Actinide Nuclei
BT1 Berkelium Isotopes
BT1 Beta-Minus Decay Radioisotopes
BT1 Minutes Living Radioisotopes
BT1 Odd-Odd Nuclei

BERYLLIUM 15

DA 27 September 2007
BT1 Beryllium Isotopes
BT1 Even-Odd Nuclei
BT1 Light Nuclei

BERYLLIUM 16

DA 27 September 2007
BT1 Beryllium Isotopes
BT1 Even-Even Nuclei
BT1 Light Nuclei

BERYLLIUM HALIDES

DA 29 February 2008
BT1 Beryllium Compounds
BT1 Halides
NT1 Beryllium Bromides
NT1 Beryllium Chlorides
NT1 Beryllium Fluorides
NT1 Beryllium Iodides

BIOETHANOL

DA 28 April 2009
BT1 Ethanol
NT1 Cellulosic Ethanol
RT Alternative Fuels
RT Biofuels
RT Ethanol Fuels

BISMUTH 184

DA 12 January 2007
BT1 Alpha Decay Radioisotopes
BT1 Bismuth Isotopes
BT1 Heavy Nuclei
BT1 Isomeric Transition Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei

BISMUTH 185

DA 12 January 2007
BT1 Alpha Decay Radioisotopes
BT1 Bismuth Isotopes
BT1 Heavy Nuclei
BT1 Microseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Proton Decay Radioisotopes

BISMUTH 187

DA 12 January 2007
BT1 Alpha Decay Radioisotopes
BT1 Bismuth Isotopes
BT1 Heavy Nuclei
BT1 Isomeric Transition Isotopes
BT1 Microseconds Living Radioisotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei

BISMUTH 217

DA 12 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Bismuth Isotopes
BT1 Heavy Nuclei

BT1 Odd-Even Nuclei
BT1 Seconds Living Radioisotopes

BISMUTH 218

DA 6 October 2006
BT1 Beta-Minus Decay Radioisotopes
BT1 Bismuth Isotopes
BT1 Heavy Nuclei
BT1 Odd-Odd Nuclei
BT1 Seconds Living Radioisotopes

BLAYAIS-2 REACTOR

(Electricite de France, Braud-et-Saint-Louis, Gironde, France)
DA 19 August 2010
BT1 PWR Type Reactors

BLAYAIS-3 REACTOR

(Electricite de France, Braud-et-Saint-Louis, Gironde, France)
DA 19 August 2010
BT1 PWR Type Reactors

BLAYAIS-4 REACTOR

(Electricite de France, Braud-et-Saint-Louis, Gironde, France)
DA 19 August 2010
BT1 PWR Type Reactors

BOHRIMUM 260

DA 18 January 2007
BT1 Alpha Decay Radioisotopes
BT1 Bohrium Isotopes
BT1 Heavy Nuclei
BT1 Microseconds Living Radioisotopes
BT1 Odd-Odd Nuclei

BOHRIMUM 263

DA 18 January 2007
BT1 Bohrium Isotopes
BT1 Heavy Nuclei
BT1 Microseconds Living Radioisotopes
BT1 Odd-Even Nuclei

BOHRIMUM 266

DA 18 January 2007
BT1 Alpha Decay Radioisotopes
BT1 Bohrium Isotopes
BT1 Heavy Nuclei
BT1 Isomeric Transition Isotopes
BT1 Odd-Odd Nuclei
BT1 Seconds Living Radioisotopes

BOHRIMUM 267

DA 18 January 2007
BT1 Alpha Decay Radioisotopes
BT1 Bohrium Isotopes
BT1 Heavy Nuclei
BT1 Isomeric Transition Isotopes
BT1 Odd-Even Nuclei
BT1 Seconds Living Radioisotopes

BOHRIMUM 272

DA 18 January 2007
BT1 Alpha Decay Radioisotopes
BT1 Bohrium Isotopes
BT1 Heavy Nuclei
BT1 Isomeric Transition Isotopes
BT1 Odd-Odd Nuclei
BT1 Seconds Living Radioisotopes

BOHRIMUM 273

DA 18 January 2007
BT1 Bohrium Isotopes
BT1 Heavy Nuclei
BT1 Hours Living Radioisotopes
BT1 Odd-Even Nuclei

BOHRIMUM 274

DA 18 January 2007
BT1 Bohrium Isotopes
BT1 Heavy Nuclei
BT1 Hours Living Radioisotopes
BT1 Odd-Odd Nuclei

BOHRIMUM 275

DA 18 January 2007
BT1 Bohrium Isotopes
BT1 Heavy Nuclei
BT1 Minutes Living Radioisotopes
BT1 Odd-Even Nuclei

BORON 6

DA 1 October 2007
BT1 Boron Isotopes
BT1 Light Nuclei
BT1 Odd-Odd Nuclei

Brane Cosmology

DA 15 August 2007
USE M-Theory

Brane Models

DA 15 August 2007
USE M-Theory

Brane Theory

DA 15 August 2007
USE M-Theory

BRANES

DA 15 August 2007
UF *P-Branes*
UF *S-Branes*
NT1 D-Branes
RT Cosmological Models
RT Particle Models
RT String Theory
DEF Spatially extended entities that appear in string theory and its relatives (M-theory and brane cosmology).

Brennilis Reactor

DA 19 August 2010
USE EL-4 Reactor

BROMINE 67

DA 22 October 2007
BT1 Bromine Isotopes
BT1 Electron Capture Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei

BROMINE 68

DA 22 October 2007
BT1 Bromine Isotopes
BT1 Electron Capture Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei

BROMINE 94

DA 22 October 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei

BROMINE 95

DA 22 October 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei

BROMINE 96

DA 22 October 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei

BROMINE 97

DA 22 October 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Bromine Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei

BUILDING TECHNOLOGY SUITE

(Use only when the operation and interactions of all the building systems are discussed together; otherwise, index the specific system(s) involved.)

DA 28 October 2010
RT Air Cleaning
RT Air Conditioning
RT Alarm Systems
RT Elevators
RT Energy Management Systems
RT Lighting Systems
RT Space Heating
RT Temperature Control
RT Ventilation
RT Water Heating
DEF The entire complement of systems which provide those services which make a building functional and comfortable, e.g. space heating, air conditioning, ventilation, hot water, lighting systems, alarm systems.

C ANTIQUARKS

DA 28 June 2007
BT1 Antiquarks
BT1 C Quarks

CADMIUM 95

DA 18 January 2007
BT1 Cadmium Isotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes

CADMIUM 129

DA 18 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Cadmium Isotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes

CADMIUM 131

DA 18 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Cadmium Isotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes

CADMIUM 132

DA 18 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Cadmium Isotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes

CALCIUM 34

DA 9 March 2007
BT1 Calcium Isotopes
BT1 Even-Even Nuclei
BT1 Light Nuclei

BT1 Nanoseconds Living Radioisotopes
BT1 Proton Decay Radioisotopes

CALCIUM 54

DA 9 March 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Calcium Isotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei

CALCIUM 55

DA 9 March 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Calcium Isotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei

CALCIUM 56

DA 9 March 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Calcium Isotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei

CALCIUM 57

DA 9 March 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Calcium Isotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei

CALCIUM 58

DA 13 March 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Calcium Isotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei

CALCIUM 60

DA 13 March 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Calcium Isotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei

CALIFORNIUM 236

DA 3 July 2007
BT1 Actinide Nuclei
BT1 Californium Isotopes
BT1 Even-Even Nuclei

CALIFORNIUM 237

DA 3 July 2007
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Californium Isotopes
BT1 Even-Odd Nuclei
BT1 Seconds Living Radioisotopes
BT1 Spontaneous Fission Radioisotopes

CALIFORNIUM HALIDES

DA 29 February 2008
BT1 Californium Compounds
BT1 Halides
NT1 Californium Bromides
NT1 Californium Chlorides
NT1 Californium Fluorides
NT1 Californium Iodides

Candu Reactors

(The specific CANDU type reactor(s) should be indexed if known.)
DA 2 November 2009
USE Candu Type Reactors

CANYONS

DA 30 April 2008
NT1 Submarine Canyons
RT High-Rise Buildings

RT Mountains
RT Topography
RT Urban Areas
RT Valleys
DEF Channels between two generally parallel high obstacles, such as cliffs or high-rise buildings.

CARBON 21

DA 18 January 2007
BT1 Carbon Isotopes
BT1 Even-Odd Nuclei
BT1 Light Nuclei
BT1 Nanoseconds Living Radioisotopes

CARBON FOOTPRINT

DA 28 January 2009
RT Carbon Cycle
RT Carbon Dioxide
RT Carbon Sequestration
RT Emissions Trading
RT Environmental Effects
RT Greenhouse Effect
RT Greenhouse Gases
RT Kyoto Protocol
DEF The total set of greenhouse gas emissions by an individual, organization, facility, event, product or process.

CELLULOSIC ETHANOL

DA 28 April 2009
BT1 Bioethanol
RT Cellulose
RT Maize
RT Switchgrass

CERIUM 119

DA 19 January 2007
BT1 Cerium Isotopes
BT1 Electron Capture Radioisotopes
BT1 Even-Odd Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Rare Earth Nuclei

CERIUM 120

DA 19 January 2007
BT1 Cerium Isotopes
BT1 Electron Capture Radioisotopes
BT1 Even-Even Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Rare Earth Nuclei

CERIUM 122

DA 19 January 2007
BT1 Cerium Isotopes
BT1 Electron Capture Radioisotopes
BT1 Even-Even Nuclei
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes

CERIUM 153

DA 19 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Cerium Isotopes
BT1 Even-Odd Nuclei
BT1 Rare Earth Nuclei

CERIUM 154

DA 19 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Cerium Isotopes
BT1 Even-Even Nuclei
BT1 Rare Earth Nuclei

CERIUM 155

DA 19 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Cerium Isotopes

BT1 Even-Odd Nuclei
BT1 Rare Earth Nuclei

CERIUM 156

DA 19 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Cerium Isotopes
BT1 Even-Even Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Rare Earth Nuclei

CERIUM 157

DA 19 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Cerium Isotopes
BT1 Even-Odd Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Rare Earth Nuclei

CERNAVODA-2 REACTOR

(Ministry of Economy and Finance,
Societatea Nationala Nuclearelectrica
S.A., Cernavoda, Constanta County,
Romania)

DA 31 January 2011
BT1 Candu Type Reactors
BT1 Natural Uranium Reactors
BT1 PHWR Type Reactors

CESIUM 112

DA 22 October 2007
BT1 Cesium Isotopes
BT1 Intermediate Mass Nuclei
BT1 Microseconds Living Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Proton Decay Radioisotopes

CESIUM 151

DA 22 October 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Cesium Isotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei

CHINON-A1 REACTOR

(Electricite de France, Avoine, Indre-et-Loire, France. Prior to August 2010 CHINON-1 REACTOR was used for this reactor.)

DA 19 August 2010
UF *Chinon-1 Reactor*
UF *EDF-1 Reactor*
BT1 Carbon Dioxide Cooled Reactors
BT1 GCR Type Reactors
BT1 Power Reactors
BT1 Thermal Reactors

CHINON-A2 REACTOR

(Electricite de France, Avoine, Indre-et-Loire, France. Prior to August 2010 CHINON-2 REACTOR was used for this reactor.)

DA 19 August 2010
UF *Chinon-2 Reactor*
UF *EDF-2 Reactor*
BT1 Carbon Dioxide Cooled Reactors
BT1 GCR Type Reactors
BT1 Power Reactors
BT1 Thermal Reactors

CHINON-A3 REACTOR

(Electricite de France, Avoine, Indre-et-Loire, France. Prior to August 2010 CHINON-3 REACTOR was used for this reactor.)

DA 19 August 2010
UF *Chinon-3 Reactor*
UF *EDF-3 Reactor*
BT1 Carbon Dioxide Cooled Reactors
BT1 GCR Type Reactors
BT1 Power Reactors
BT1 Thermal Reactors

CHINON-B2 REACTOR

(Electricite de France, Avoine, Indre-et-Loire, France)
DA 19 August 2010
BT1 PWR Type Reactors

CHINON-B3 REACTOR

(Electricite de France, Avoine, Indre-et-Loire, France)
DA 19 August 2010
BT1 PWR Type Reactors

CHINON-B4 REACTOR

(Electricite de France, Avoine, Indre-et-Loire, France)
DA 19 August 2010
BT1 PWR Type Reactors

CHLORINE 28

DA 19 January 2007
BT1 Chlorine Isotopes
BT1 Light Nuclei
BT1 Odd-Odd Nuclei
BT1 Proton Decay Radioisotopes

CHLORINE 29

DA 19 January 2007
BT1 Chlorine Isotopes
BT1 Light Nuclei
BT1 Nanoseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Proton Decay Radioisotopes

CHLORINE 30

DA 19 January 2007
BT1 Chlorine Isotopes
BT1 Light Nuclei
BT1 Nanoseconds Living Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Proton Decay Radioisotopes

CHLORINE 50

DA 19 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Chlorine Isotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei

CHOOZ-A REACTOR

(Electricite de France, Chooz, Ardennes, France. Prior to August 2010 ARDENNES REACTOR was used for this reactor.)

DA 19 August 2010
UF *Ardennes Reactor*
UF *SENA Reactor*
SF *Chooz Reactor*
BT1 PWR Type Reactors

CHOOZ-B1 REACTOR

(Electricite de France, Chooz, Ardennes, France. Prior to August 2010 ARDENNES B-1 REACTOR was used for this reactor.)

DA 19 August 2010
UF *Ardennes B-1 Reactor*
BT1 PWR Type Reactors

CHOOZ-B2 REACTOR

(Electricite de France, Chooz, Ardennes, France. Prior to August 2010 ARDENNES B-2 REACTOR was used for this reactor.)

DA 19 August 2010
UF *Ardennes B-2 Reactor*
BT1 PWR Type Reactors

CHROMIUM 67

DA 22 October 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Chromium Isotopes
BT1 Even-Odd Nuclei

BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes

CHROMIUM 68

DA 2 June 2009
BT1 Beta-Minus Decay Radioisotopes
BT1 Chromium Isotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei

COBALT 49

DA 19 January 2007
BT1 Cobalt Isotopes
BT1 Electron Capture Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Nanoseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Proton Decay Radioisotopes

COBALT 51

DA 19 January 2007
BT1 Cobalt Isotopes
BT1 Electron Capture Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei

COBALT 71

DA 19 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Cobalt Isotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei

COBALT 72

DA 19 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Cobalt Isotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei

COBALT 73

DA 19 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Cobalt Isotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei

COBALT 74

DA 19 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Cobalt Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei

COBALT 75

DA 19 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Cobalt Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei

Compact Reprocessing of Advanced Fuels in Lead Cell

DA 22 December 2009
USE CORAL Reprocessing Plant

CONDENSING BOILERS

DA 19 July 2007
BT1 Boilers
RT Flue Gas
RT Vapor Condensers

COPERNICIUM

(Prior to May 2010 ELEMENT 112 was used for this element.)

DA 25 May 2010
UF *Eka-Mercury*
UF *Element 112*
UF *Ununbium*
BT1 Transactinide Elements

COPERNICIUM 277

(Prior to May 2010 ELEMENT 112 277 was used for this concept.)

DA 25 May 2010
UF *Element 112 277*
BT1 Alpha Decay Radioisotopes
BT1 Copernicium Isotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Microseconds Living Radioisotopes

COPERNICIUM 278

DA 25 May 2010
BT1 Copernicium Isotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei
BT1 Microseconds Living Radioisotopes

COPERNICIUM 282

DA 25 May 2010
BT1 Copernicium Isotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei
BT1 Microseconds Living Radioisotopes
BT1 Spontaneous Fission Radioisotopes

COPERNICIUM 283

(Prior to May 2010 ELEMENT 112 283 was used for this concept.)

DA 25 May 2010
UF *Element 112 283*
BT1 Copernicium Isotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Minutes Living Radioisotopes
BT1 Spontaneous Fission Radioisotopes

COPERNICIUM 284

DA 25 May 2010
BT1 Copernicium Isotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Spontaneous Fission Radioisotopes

COPERNICIUM 285

DA 25 May 2010
BT1 Alpha Decay Radioisotopes
BT1 Copernicium Isotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Minutes Living Radioisotopes
BT1 Seconds Living Radioisotopes

COPERNICIUM COMPOUNDS

(Prior to May 2010 ELEMENT 112 COMPOUNDS was used for this concept.)

DA 25 May 2010
UF *Element 112 Compounds*
BT1 Transactinide Compounds

COPERNICIUM ISOTOPES

(Prior to May 2010 ELEMENT 112 ISOTOPES was used for this concept.)

DA 25 May 2010
UF *Element 112 Isotopes*
BT1 Isotopes
NT1 Copernicium 277
NT1 Copernicium 278
NT1 Copernicium 282
NT1 Copernicium 283
NT1 Copernicium 284
NT1 Copernicium 285

COPPER 52

DA 22 October 2007
BT1 Copper Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei
BT1 Proton Decay Radioisotopes

COPPER 53

DA 22 October 2007
BT1 Copper Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei
BT1 Proton Decay Radioisotopes

COPPER 54

DA 22 October 2007
BT1 Copper Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei
BT1 Proton Decay Radioisotopes

COPPER 55

DA 22 October 2007
BT1 Copper Isotopes
BT1 Electron Capture Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei

COPPER 80

DA 22 October 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Copper Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei

CORAL REPROCESSING PLANT

(COmpact Reprocessing of Advanced fuels in Lead cell, Indira Gandhi Centre for Atomic Energy, Kalpakkam, India. Demonstration plant for breeder reactor fuel reprocessing.)

DA 22 December 2009
UF *Compact Reprocessing of Advanced Fuels in Lead Cell*
BT1 Demonstration Plants
BT1 Fuel Reprocessing Plants
RT Kalpakkam LMFBF Reactor
RT Mixed Carbide Fuels

CRUAS-1 REACTOR

(Electricite de France, Cruas/Meyssse, Ardeche, France)

DA 19 August 2010
UF *Cruas Meyssse-1 Reactor*
BT1 PWR Type Reactors

Cruas Meyssse-1 Reactor

DA 19 August 2010
USE Cruas-1 Reactor

Cruas Meyssse-2 Reactor

DA 19 August 2010
USE Cruas-2 Reactor

Cruas Meyssse-3 Reactor

DA 19 August 2010
USE Cruas-3 Reactor

Cruas Meyssse-4 Reactor

DA 19 August 2010
USE Cruas-4 Reactor

CT-GUIDED RADIOTHERAPY

DA 30 November 2007
UF *TomoTherapy*
BT1 Radiotherapy
RT Computerized Tomography
DEF Computerized tomography image-guided

radiotherapy

CURIUM 233

DA 22 January 2007
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Curium Isotopes
BT1 Electron Capture Radioisotopes
BT1 Even-Odd Nuclei
BT1 Minutes Living Radioisotopes

CURIUM 234

DA 22 January 2007
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Curium Isotopes
BT1 Electron Capture Radioisotopes
BT1 Even-Even Nuclei
BT1 Minutes Living Radioisotopes

CURIUM 235

DA 22 January 2007
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Curium Isotopes
BT1 Electron Capture Radioisotopes
BT1 Even-Odd Nuclei
BT1 Minutes Living Radioisotopes

D ANTIQUARKS

DA 28 June 2007
BT1 Antiquarks
BT1 D Quarks

D-BRANES

DA 15 August 2007
BT1 Branes
DEF Special class of branes with specified Dirichlet boundary conditions.

DARMSTADIUM 267

DA 28 August 2007
BT1 Alpha Decay Radioisotopes
BT1 Darmstadtium Isotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Microseconds Living Radioisotopes

DARMSTADIUM 272

DA 28 August 2007
BT1 Darmstadtium Isotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei
BT1 Spontaneous Fission Radioisotopes

DARMSTADIUM 273

DA 28 August 2007
BT1 Alpha Decay Radioisotopes
BT1 Darmstadtium Isotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Microseconds Living Radioisotopes
BT1 Milliseconds Living Radioisotopes

DARMSTADIUM 279

DA 28 August 2007
BT1 Alpha Decay Radioisotopes
BT1 Darmstadtium Isotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Spontaneous Fission Radioisotopes

DARMSTADIUM 281

DA 28 August 2007
BT1 Darmstadtium Isotopes
BT1 Even-Odd Nuclei

BT1 Heavy Nuclei
BT1 Spontaneous Fission Radioisotopes

DE SITTER SPACE

DA 15 August 2007
BT1 Mathematical Space
RT De Sitter Group
RT Lorentz Groups
RT Space-Time
RT String Theory
RT Superstring Theory

Dirty Bombs

DA 9 September 2009
USE Radiological Dispersal Devices

DUBNIUM 264

DA 22 January 2007
BT1 Dubnium Isotopes
BT1 Heavy Nuclei
BT1 Minutes Living Radioisotopes
BT1 Odd-Odd Nuclei

DUBNIUM 265

DA 22 January 2007
BT1 Dubnium Isotopes
BT1 Heavy Nuclei
BT1 Minutes Living Radioisotopes
BT1 Odd-Even Nuclei

DUBNIUM 266

DA 22 January 2007
BT1 Dubnium Isotopes
BT1 Heavy Nuclei
BT1 Minutes Living Radioisotopes
BT1 Odd-Odd Nuclei

DUBNIUM 267

DA 22 January 2007
BT1 Dubnium Isotopes
BT1 Heavy Nuclei
BT1 Hours Living Radioisotopes
BT1 Isomeric Transition Isotopes
BT1 Odd-Even Nuclei
BT1 Spontaneous Fission Radioisotopes

DUBNIUM 268

DA 22 January 2007
BT1 Days Living Radioisotopes
BT1 Dubnium Isotopes
BT1 Heavy Nuclei
BT1 Hours Living Radioisotopes
BT1 Isomeric Transition Isotopes
BT1 Odd-Odd Nuclei
BT1 Spontaneous Fission Radioisotopes

DUBNIUM 269

DA 22 January 2007
BT1 Dubnium Isotopes
BT1 Heavy Nuclei
BT1 Hours Living Radioisotopes
BT1 Odd-Even Nuclei

Durability

DA 29 May 2008
SEE Hardness
OR Service Life
OR Wear Resistance
DEF Ability of equipment or materials to remain useful after a great amount of usage or a long period of time.

DYSPROSIUM 138

DA 22 October 2007
BT1 Dysprosium Isotopes
BT1 Electron Capture Radioisotopes
BT1 Even-Even Nuclei

BT1 Milliseconds Living Radioisotopes
BT1 Rare Earth Nuclei

DYSPROSIUM 139

DA 22 October 2007
BT1 Dysprosium Isotopes
BT1 Electron Capture Radioisotopes
BT1 Even-Odd Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Rare Earth Nuclei

DYSPROSIUM 170

DA 22 October 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Dysprosium Isotopes
BT1 Even-Even Nuclei
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes

DYSPROSIUM 171

DA 22 October 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Dysprosium Isotopes
BT1 Even-Odd Nuclei
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes

DYSPROSIUM 172

DA 22 October 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Dysprosium Isotopes
BT1 Even-Even Nuclei
BT1 Rare Earth Nuclei

DYSPROSIUM 173

DA 22 October 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Dysprosium Isotopes
BT1 Even-Odd Nuclei
BT1 Rare Earth Nuclei

Ecobalance

(NOT for ECOLOGICAL BALANCE.)
DA 25 February 2008
USE Life Cycle Assessment

ECOLOGICAL BALANCE

DA 25 February 2008
RT Ecological Succession
RT Ecology
RT Ecosystems
RT Genetic Variability
RT Population Dynamics
RT Species Diversity
DEF State of dynamic equilibrium within a community of organisms in which genetic, species and ecosystem diversity remain relatively stable.

EGYPTIAN ATOMIC ENERGY COMMISSION

DA 12 October 2006
BT1 Egyptian Organizations

EINSTEINIUM 240

DA 22 October 2007
BT1 Actinide Nuclei
BT1 Einsteinium Isotopes
BT1 Electron Capture Radioisotopes
BT1 Odd-Odd Nuclei

EINSTEINIUM 241

DA 22 October 2007
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Einsteinium Isotopes
BT1 Electron Capture Radioisotopes

BT1 Odd-Even Nuclei
BT1 Seconds Living Radioisotopes

EINSTEINIUM 242

DA 22 October 2007
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Einsteinium Isotopes
BT1 Electron Capture Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Seconds Living Radioisotopes

EINSTEINIUM 257

DA 22 October 2007
BT1 Actinide Nuclei
BT1 Beta-Minus Decay Radioisotopes
BT1 Einsteinium Isotopes
BT1 Odd-Even Nuclei
BT1 Spontaneous Fission Radioisotopes

EINSTEINIUM 258

DA 22 October 2007
BT1 Actinide Nuclei
BT1 Einsteinium Isotopes
BT1 Odd-Odd Nuclei

EINSTEINIUM HALIDES

DA 29 February 2008
BT1 Einsteinium Compounds
BT1 Halides
NT1 Einsteinium Bromides
NT1 Einsteinium Chlorides
NT1 Einsteinium Fluorides
NT1 Einsteinium Iodides

Element 109 Compounds

DA 21 January 2010
USE Meitnerium Compounds

ELEMENT 113 278

DA 29 May 2007
BT1 Alpha Decay Radioisotopes
BT1 Element 113 Isotopes
BT1 Heavy Nuclei
BT1 Microseconds Living Radioisotopes
BT1 Odd-Odd Nuclei

ELEMENT 113 283

DA 29 May 2007
BT1 Alpha Decay Radioisotopes
BT1 Element 113 Isotopes
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei

ELEMENT 113 284

DA 29 May 2007
BT1 Alpha Decay Radioisotopes
BT1 Element 113 Isotopes
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei

ELEMENT 113 ISOTOPES

DA 29 May 2007
BT1 Isotopes
NT1 Element 113 278
NT1 Element 113 283
NT1 Element 113 284

ELEMENT 114 285

DA 25 September 2007
BT1 Alpha Decay Radioisotopes
BT1 Element 114 Isotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Microseconds Living Radioisotopes

ELEMENT 114 286

DA 25 September 2007
BT1 Alpha Decay Radioisotopes
BT1 Element 114 Isotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Spontaneous Fission Radioisotopes

ELEMENT 114 287

DA 25 September 2007
BT1 Alpha Decay Radioisotopes
BT1 Element 114 Isotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes

ELEMENT 114 288

DA 25 September 2007
BT1 Alpha Decay Radioisotopes
BT1 Element 114 Isotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes

ELEMENT 114 289

DA 25 September 2007
BT1 Alpha Decay Radioisotopes
BT1 Element 114 Isotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Seconds Living Radioisotopes

ELEMENT 114 292

DA 25 May 2010
BT1 Element 114 Isotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei

ELEMENT 114 ISOTOPES

DA 25 September 2007
BT1 Isotopes
NT1 Element 114 285
NT1 Element 114 286
NT1 Element 114 287
NT1 Element 114 288
NT1 Element 114 289
NT1 Element 114 292

ELEMENT 115 287

DA 22 June 2007
BT1 Alpha Decay Radioisotopes
BT1 Element 115 Isotopes
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei

ELEMENT 115 288

DA 22 June 2007
BT1 Alpha Decay Radioisotopes
BT1 Element 115 Isotopes
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei

ELEMENT 115 ISOTOPES

DA 22 June 2007
BT1 Isotopes
NT1 Element 115 287
NT1 Element 115 288

ELEMENT 116 290

DA 21 October 2008
BT1 Alpha Decay Radioisotopes
BT1 Element 116 Isotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes

ELEMENT 116 291

DA 21 October 2008
BT1 Alpha Decay Radioisotopes
BT1 Element 116 Isotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes

ELEMENT 116 292

DA 21 October 2008
BT1 Alpha Decay Radioisotopes
BT1 Element 116 Isotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei

ELEMENT 116 293

DA 21 October 2008
BT1 Alpha Decay Radioisotopes
BT1 Element 116 Isotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei

ELEMENT 116 ISOTOPES

DA 21 October 2008
BT1 Isotopes
NT1 Element 116 290
NT1 Element 116 291
NT1 Element 116 292
NT1 Element 116 293

ELEMENT 117 ISOTOPES

DA 14 June 2007
BT1 Isotopes

ELEMENT 118 294

DA 21 October 2008
BT1 Alpha Decay Radioisotopes
BT1 Element 118 Isotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei

ELEMENT 118 ISOTOPES

DA 21 October 2008
BT1 Isotopes
NT1 Element 118 294

ELEMENT 119 ISOTOPES

DA 14 June 2007
BT1 Isotopes

ELEMENT 124

DA 25 May 2010
UF *Unbiquadium*
BT1 Transactinide Elements

ELEMENT 124 312

DA 25 May 2010
BT1 Element 124 Isotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei

ELEMENT 124 ISOTOPES

DA 25 May 2010
BT1 Isotopes
NT1 Element 124 312

ENERGY SECURITY

DA 25 July 2011
RT Availability
RT Embargoes
RT Energy
RT Energy Shortages
RT Supply Disruption
DEF Access to a reliable supply of affordable energy.

ERBIUM 143

DA 22 October 2007
BT1 Electron Capture Radioisotopes
BT1 Erbium Isotopes
BT1 Even-Odd Nuclei
BT1 Rare Earth Nuclei

ERBIUM 144

DA 22 October 2007
BT1 Electron Capture Radioisotopes
BT1 Erbium Isotopes
BT1 Even-Even Nuclei
BT1 Rare Earth Nuclei

ERBIUM 176

DA 22 October 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Erbium Isotopes
BT1 Even-Even Nuclei
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes

ERBIUM 177

DA 22 October 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Erbium Isotopes
BT1 Even-Odd Nuclei
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes

EUPHRATES RIVER

DA 19 May 2009
UF *Furat River*
BT1 Rivers
RT Iraq
RT Syria
RT Turkey

EUROPIUM 132

DA 26 January 2007
BT1 Beta-Plus Decay Radioisotopes
BT1 Electron Capture Radioisotopes
BT1 Europium Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Proton Decay Radioisotopes
BT1 Rare Earth Nuclei

EUROPIUM 133

DA 26 January 2007
BT1 Electron Capture Radioisotopes
BT1 Europium Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei

EUROPIUM 163

DA 26 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Europium Isotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes

EUROPIUM 164

DA 26 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Europium Isotopes
BT1 Odd-Odd Nuclei
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes

EUROPIUM 165

DA 26 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Europium Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei

EUROPIUM 166

DA 26 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Europium Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Rare Earth Nuclei

EUROPIUM 167

DA 26 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Europium Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei

FERMIUM 241

DA 21 October 2008
BT1 Actinide Nuclei
BT1 Even-Odd Nuclei
BT1 Fermium Isotopes
BT1 Microseconds Living Radioisotopes
BT1 Spontaneous Fission Radioisotopes

FERMIUM 260

DA 22 October 2007
BT1 Actinide Nuclei
BT1 Even-Even Nuclei
BT1 Fermium Isotopes
BT1 Spontaneous Fission Radioisotopes

FERMIUM 264

DA 25 May 2010
BT1 Actinide Nuclei
BT1 Even-Even Nuclei
BT1 Fermium Isotopes
BT1 Spontaneous Fission Radioisotopes

FERMIUM HALIDES

DA 29 February 2008
BT1 Fermium Compounds
BT1 Halides
NT1 Fermium Bromides
NT1 Fermium Chlorides
NT1 Fermium Iodides

Fissile Materials Cut-Off Treaty

DA 29 March 2010
USE FMCT

FLAMANVILLE-3 REACTOR

(European Pressurised Reactor - EPR,
Electricite de France, Flamanville,
Manche, France)
DA 20 August 2010
BT1 PWR Type Reactors

FLAME EXTINCTION

DA 12 January 2007
RT Flame Propagation
RT Flames

FLUORINE 28

DA 26 January 2007
BT1 Fluorine Isotopes
BT1 Light Nuclei
BT1 Nanoseconds Living Radioisotopes
BT1 Odd-Odd Nuclei

FLUORINE 30

DA 26 January 2007
BT1 Fluorine Isotopes
BT1 Light Nuclei
BT1 Nanoseconds Living Radioisotopes
BT1 Odd-Odd Nuclei

FLUORINE 31

DA 26 January 2007
BT1 Fluorine Isotopes

BT1 Light Nuclei
BT1 Nanoseconds Living Radioisotopes
BT1 Odd-Even Nuclei

FMCT

DA 29 March 2010
UF *Fissile Materials Cut-Off Treaty*
BT1 Treaties
RT Arms Control
RT Nuclear Disarmament
RT Nuclear Freeze
RT Nuclear Weapons

FRANCIUM HALIDES

DA 26 January 2007
BT1 Francium Compounds
BT1 Halides
NT1 Francium Chlorides

Furat River

DA 19 May 2009
USE Euphrates River

GADOLINIUM 134

DA 29 January 2007
BT1 Even-Even Nuclei
BT1 Gadolinium Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Rare Earth Nuclei

GADOLINIUM 136

DA 29 January 2007
BT1 Even-Even Nuclei
BT1 Gadolinium Isotopes
BT1 Nanoseconds Living Radioisotopes
BT1 Rare Earth Nuclei

GADOLINIUM 166

DA 29 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Gadolinium Isotopes
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes

GADOLINIUM 167

DA 29 January 2007
BT1 Even-Odd Nuclei
BT1 Gadolinium Isotopes
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes

GADOLINIUM 168

DA 29 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Gadolinium Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Rare Earth Nuclei

GADOLINIUM 169

DA 29 January 2007
BT1 Even-Odd Nuclei
BT1 Gadolinium Isotopes
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes

GALLIUM 56

DA 19 April 2007
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei

GALLIUM 57

DA 19 April 2007
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei

GALLIUM 58

DA 19 April 2007
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei

GALLIUM 59

DA 19 April 2007
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei

GALLIUM 85

DA 19 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei

GALLIUM 86

DA 19 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Gallium Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei

GERMANIUM 58

DA 29 January 2007
BT1 Even-Even Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei

GERMANIUM 59

DA 29 January 2007
BT1 Even-Odd Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei

GERMANIUM 60

DA 29 January 2007
BT1 Even-Even Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes

GERMANIUM 63

DA 29 January 2007
BT1 Beta-Plus Decay Radioisotopes
BT1 Electron Capture Radioisotopes
BT1 Even-Odd Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes

GERMANIUM 86

DA 29 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT1 Nanoseconds Living Radioisotopes

GERMANIUM 87

DA 29 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes

GERMANIUM 88

DA 29 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT1 Nanoseconds Living Radioisotopes

GERMANIUM 89

DA 29 January 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Germanium Isotopes
BT1 Intermediate Mass Nuclei
BT1 Nanoseconds Living Radioisotopes

GOLD 169

DA 22 October 2007
BT1 Gold Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei

Gravelines-B2 Reactor

DA 20 August 2010
USE Gravelines-2 Reactor

Gravelines-B3 Reactor

DA 20 August 2010
USE Gravelines-3 Reactor

Gravelines-B4 Reactor

DA 20 August 2010
USE Gravelines-4 Reactor

Gravelines-C5 Reactor

DA 20 August 2010
USE Gravelines-5 Reactor

Green Energy

DA 6 September 2007
SEE Renewable Energy Sources

GREEN ROOFS

DA 11 May 2007
BT1 Roofs
DEF Roofs at least partially covered with vegetation and including supporting systems such as waterproofing, drainage systems, and growing mediums.

HAFNIUM 153

DA 8 November 2007
BT1 Even-Odd Nuclei
BT1 Hafnium Isotopes
BT1 Intermediate Mass Nuclei

HAFNIUM 187

DA 8 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Hafnium Isotopes
BT1 Heavy Nuclei
BT1 Seconds Living Radioisotopes

HAFNIUM 188

DA 8 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Hafnium Isotopes
BT1 Heavy Nuclei
BT1 Seconds Living Radioisotopes

HASSIUM 263

DA 29 January 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Hassium Isotopes
BT1 Heavy Nuclei

HASSIUM 269

DA 29 January 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Hassium Isotopes

BT1 Heavy Nuclei
BT1 Seconds Living Radioisotopes

HASSIUM 272

DA 29 January 2007
BT1 Even-Even Nuclei
BT1 Hassium Isotopes
BT1 Heavy Nuclei
BT1 Seconds Living Radioisotopes

HASSIUM 274

DA 29 January 2007
BT1 Even-Even Nuclei
BT1 Hassium Isotopes
BT1 Heavy Nuclei
BT1 Minutes Living Radioisotopes

HASSIUM 275

DA 29 January 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Hassium Isotopes
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes

HASSIUM 276

DA 29 January 2007
BT1 Even-Even Nuclei
BT1 Hassium Isotopes
BT1 Heavy Nuclei
BT1 Hours Living Radioisotopes

HEAT ISLANDS

DA 29 January 2009
BT1 Heat Sources
RT District Heating
RT Urban Areas
RT Waste Heat
DEF Areas which are significantly warmer than their surroundings, often due to urban development or discharge of waste heat.

HEATING LOOPS

DA 19 July 2007
BT1 Heating Systems
RT Coolant Loops
RT Heat Transfer Fluids

HIGASHIDORI-1 REACTOR

(Tohoku Electric Power Co., Higashidori, Aomori, Japan)
DA 24 July 2008
BT1 BWR Type Reactors

HOLMIUM 140

DA 8 February 2007
BT1 Holmium Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Proton Decay Radioisotopes
BT1 Rare Earth Nuclei

HOLMIUM 142

DA 8 February 2007
BT1 Electron Capture Radioisotopes
BT1 Holmium Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Rare Earth Nuclei

HOLMIUM 173

DA 8 February 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Holmium Isotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes

HOLMIUM 174

DA 8 February 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Holmium Isotopes
BT1 Odd-Odd Nuclei
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes

HOLMIUM 175

DA 8 February 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Holmium Isotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes

HOLY SEE

DA 28 March 2008
UF *Vatican City State*
BT1 Developed Countries
BT1 Western Europe
RT Italy

HYDROKINETIC POWER

DA 30 December 2008
BT1 Electric Power
BT1 Renewable Energy Sources
RT Water Current Power Generators
RT Water Currents
DEF Electric power generated from moving water without dams or other structures typically used at conventional hydropower facilities; for the latter, use HYDROELECTRIC POWER.

Hydrokinetic Power Generators

DA 30 December 2008
USE Water Current Power Generators

IDAHO NATIONAL LABORATORY

(Formerly known as INEEL, Idaho National Engineering Laboratory, and NRTS.)
DA 2 June 2011
UF *Idaho National Engineering and Environmental Laboratory*
UF *Idaho National Engineering Laboratory*
UF INEEL
UF INEL
UF INL
UF *National Reactor Testing Station*
UF NRTS
BT1 US DOE

INDIGENOUS PEOPLES

DA 29 May 2008
BT1 Human Populations
NT1 American Indians
NT1 Eskimos
NT1 Sami People

INDIUM 97

DA 8 November 2007
BT1 Electron Capture Radioisotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei

INDIUM 98

DA 8 November 2007
BT1 Electron Capture Radioisotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Seconds Living Radioisotopes

INDIUM 99

DA 8 November 2007
BT1 Electron Capture Radioisotopes
BT1 Indium Isotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei
BT1 Seconds Living Radioisotopes

INDUSTRIAL BUILDINGS

DA 19 July 2007
BT1 Buildings
RT Industrial Plants
RT Industry

INL

DA 7 June 2011
USE Idaho National Laboratory

IODINE 143

DA 8 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Iodine Isotopes
BT1 Odd-Even Nuclei

IODINE 144

DA 8 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Iodine Isotopes
BT1 Odd-Even Nuclei

Ionic Liquids

DA 2 November 2010
USE Molten Salts

IRIDIUM 164

DA 17 July 2007
BT1 Alpha Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Iridium Isotopes
BT1 Microseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Proton Decay Radioisotopes

IRIDIUM 165

DA 17 July 2007
BT1 Alpha Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Iridium Isotopes
BT1 Microseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Proton Decay Radioisotopes

IRIDIUM 202

DA 2 March 2010
BT1 Beta-Minus Decay Radioisotopes
BT1 Heavy Nuclei
BT1 Iridium Isotopes
BT1 Odd-Even Nuclei
BT1 Seconds Living Radioisotopes

IRIDIUM NITRIDES

DA 23 February 2010
BT1 Iridium Compounds
BT1 Nitrides

IRON 69

DA 8 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Iron Isotopes
BT1 Milliseconds Living Radioisotopes

IRON 70

DA 8 November 2007
BT1 Beta-Minus Decay Radioisotopes

BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Iron Isotopes
BT1 Milliseconds Living Radioisotopes

IRON 71

DA 8 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Iron Isotopes

IRON 72

DA 8 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Iron Isotopes

J-PARC

(Japan Atomic Energy Agency and High Energy Accelerator Research Organization, Tokai, Japan)
DA 23 February 2007
UF *Japan Proton Accelerator Research Complex*
BT1 Synchrotrons

Jadrova Vyradovacia Spolocnost (Bohunice)

DA 29 July 2008
USE JaVvS

Japan Proton Accelerator Research Complex

DA 23 February 2007
USE J-PARC

JATROPHA

DA 8 December 2009
BT1 Magnoliopsida
BT1 Shrubs

JAVVYS

(JAdrova VYradovacia Spolocnost, a.s. (Nuclear decommissioning joint stock company) in Jaslovske Bohunice consists of the following plants: Bohunice Radioactive Waste Processing Center, Mochovce Radioactive Waste Repository, Bohunice A-1 Reactor, Bohunice V-1 Reactor and Spent Fuel Storage for Bohunice V-2 Reactor.)
DA 29 July 2008

UF *Jadrova Vyradovacia Spolocnost (Bohunice)*

BT1 Slovak Organizations

KITES

(NOT for the species of hawk with this name.)
DA 15 May 2007
BT1 Aircraft
DEF Small heavier-than-air craft flown in the wind at the end of a string or similar tether.

KRYPTON 99

DA 30 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Krypton Isotopes
BT1 Milliseconds Living Radioisotopes

KRYPTON 100

DA 30 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Krypton Isotopes

LAMINAR FLAMES

DA 12 January 2007
BT1 Flames
RT Laminar Flow

LANTHANUM 117

DA 20 November 2007
BT1 Electron Capture Radioisotopes
BT1 Lanthanum Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Proton Decay Radioisotopes
BT1 Rare Earth Nuclei

LANTHANUM 118

DA 20 November 2007
BT1 Electron Capture Radioisotopes
BT1 Lanthanum Isotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes

LANTHANUM 119

DA 20 November 2007
BT1 Electron Capture Radioisotopes
BT1 Lanthanum Isotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes

LANTHANUM 151

DA 20 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Lanthanum Isotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei

LANTHANUM 152

DA 20 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Lanthanum Isotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei

LANTHANUM 153

DA 20 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Lanthanum Isotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei

LANTHANUM 154

DA 20 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Lanthanum Isotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei

LANTHANUM 155

DA 20 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Lanthanum Isotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei

LARGE-EDDY SIMULATION

DA 10 December 2009
BT1 Computerized Simulation
RT Turbulent Flow
DEF Numerical technique for solution of partial differential equations governing turbulent fluid flow.

Latin American Energy Organization

DA 12 October 2006
USE OLADE

LAWRENCIUM 251

DA 20 November 2007
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Electron Capture Radioisotopes
BT1 Lawrencium Isotopes
BT1 Odd-Even Nuclei

LAWRENCIUM 264

DA 20 November 2007
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Lawrencium Isotopes
BT1 Odd-Odd Nuclei

LAWRENCIUM 265

DA 20 November 2007
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Lawrencium Isotopes
BT1 Odd-Even Nuclei

LAWRENCIUM 266

DA 20 November 2007
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Lawrencium Isotopes
BT1 Odd-Odd Nuclei

LEAD 178

DA 8 February 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Lead Isotopes
BT1 Microseconds Living Radioisotopes

LEAD 179

DA 8 February 2007
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Lead Isotopes
BT1 Milliseconds Living Radioisotopes

LEAD 181

DA 8 February 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Lead Isotopes
BT1 Milliseconds Living Radioisotopes

LEWIS NUMBER

DA 12 January 2007
BT1 Dimensionless Numbers
RT Heat Transfer
RT Mass Transfer

LITHIUM-POLYMER BATTERIES

DA 10 July 2008
BT1 Metal-Nonmetal Batteries
DEF Li batteries with polymeric, ion-conducting electrolyte/separators.

LUTETIUM 150

DA 8 February 2007
BT1 Electron Capture Radioisotopes
BT1 Lutetium Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Proton Decay Radioisotopes
BT1 Rare Earth Nuclei

M-THEORY

DA 14 August 2007
UF Brane Cosmology
UF Brane Models
UF Brane Theory

SF *Membrane Theory*

NT1 String Theory

RT Cosmological Models

RT General Relativity Theory

RT Particle Interactions

RT Particle Models

RT Quantum Mechanics

RT Standard Model

RT Supergravity

RT Supersymmetry

DEF Highly symmetric multi-dimensional theory of particles and their interactions; generalization of supergravity and related by weak-strong duality to each of the five known variations of string theory.

MAGNESIUM 37

DA 8 February 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Light Nuclei
BT1 Magnesium Isotopes
BT1 Nanoseconds Living Radioisotopes

MAGNESIUM 38

DA 19 December 2006
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Light Nuclei
BT1 Magnesium Isotopes

MALDIVES

DA 14 May 2008
BT1 Asia
BT1 Developing Countries
BT1 Islands
RT Indian Ocean

MANGANESE 45

DA 12 February 2007
BT1 Intermediate Mass Nuclei
BT1 Manganese Isotopes
BT1 Nanoseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Proton Decay Radioisotopes

MANGANESE 66

DA 12 February 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Manganese Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei

MANGANESE 67

DA 12 February 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Manganese Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei

MANGANESE 68

DA 12 February 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Manganese Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei

MANGANESE 69

DA 12 February 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Manganese Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei

MANGANESE 70

DA 2 June 2009
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Manganese Isotopes
BT1 Odd-Odd Nuclei

MEITNERIUM 265

DA 5 March 2007
BT1 Heavy Nuclei
BT1 Meitnerium Isotopes
BT1 Minutes Living Radioisotopes
BT1 Odd-Even Nuclei

MEITNERIUM 267

DA 5 March 2007
BT1 Heavy Nuclei
BT1 Meitnerium Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei

MEITNERIUM 270

DA 5 March 2007
BT1 Alpha Decay Radioisotopes
BT1 Heavy Nuclei
BT1 Meitnerium Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei

MEITNERIUM 271

DA 5 March 2007
BT1 Heavy Nuclei
BT1 Meitnerium Isotopes
BT1 Odd-Even Nuclei
BT1 Seconds Living Radioisotopes

MEITNERIUM 272

DA 5 March 2007
BT1 Heavy Nuclei
BT1 Meitnerium Isotopes
BT1 Odd-Odd Nuclei
BT1 Seconds Living Radioisotopes

MEITNERIUM 273

DA 5 March 2007
BT1 Heavy Nuclei
BT1 Meitnerium Isotopes
BT1 Odd-Even Nuclei
BT1 Seconds Living Radioisotopes

MEITNERIUM 274

DA 5 March 2007
BT1 Heavy Nuclei
BT1 Meitnerium Isotopes
BT1 Odd-Odd Nuclei
BT1 Seconds Living Radioisotopes

MEITNERIUM 275

DA 5 March 2007
BT1 Alpha Decay Radioisotopes
BT1 Heavy Nuclei
BT1 Meitnerium Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei

MEITNERIUM 276

DA 5 March 2007
BT1 Alpha Decay Radioisotopes
BT1 Heavy Nuclei
BT1 Meitnerium Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei

MEITNERIUM 279

DA 5 March 2007
BT1 Heavy Nuclei
BT1 Meitnerium Isotopes

BT1 Minutes Living Radioisotopes
BT1 Odd-Even Nuclei

MEITNERIUM COMPOUNDS

DA 21 January 2010
UF *Element 109 Compounds*
BT1 Transactinide Compounds

Membrane Theory

(This term is used with different meanings in biological science and high-energy physics.)

DA 15 August 2007
SEE Cell Membranes
OR M-Theory

MENDELEVIUM 245

DA 30 November 2007
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Electron Capture Radioisotopes
BT1 Mendeleevium Isotopes
BT1 Microseconds Living Radioisotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Spontaneous Fission Radioisotopes

MENDELEVIUM 246

DA 30 November 2007
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Electron Capture Radioisotopes
BT1 Mendeleevium Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Spontaneous Fission Radioisotopes

MENDELEVIUM 262

DA 30 November 2007
BT1 Actinide Nuclei
BT1 Mendeleevium Isotopes
BT1 Odd-Even Nuclei

MERCURY 171

DA 30 November 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Mercury Isotopes
BT1 Microseconds Living Radioisotopes

MERCURY 172

DA 30 November 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Mercury Isotopes
BT1 Microseconds Living Radioisotopes

MERCURY 173

DA 30 November 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Mercury Isotopes
BT1 Microseconds Living Radioisotopes

MERCURY 174

DA 30 November 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Mercury Isotopes
BT1 Milliseconds Living Radioisotopes

MINERAL-INSULATED CABLES

DA 10 July 2008
BT1 Electric Cables

RT Buildings
RT Fire Prevention

MIXED STATES

DA 31 January 2011
BT1 Quantum States
RT Density Matrix
DEF Quantum states which can be described only as a blend of several pure states.

MLIS

(Molecular Laser Isotope Separation)
DA 23 February 2010
USE Laser Isotope Separation

MOLYBDENUM 83

DA 12 June 2007
BT1 Electron Capture Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Molybdenum Isotopes

MOLYBDENUM 111

DA 12 June 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Molybdenum Isotopes

MOLYBDENUM 112

DA 12 June 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Molybdenum Isotopes

MOLYBDENUM 113

DA 12 June 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Molybdenum Isotopes

MOLYBDENUM 114

DA 12 June 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Molybdenum Isotopes

MOLYBDENUM 115

DA 12 June 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Molybdenum Isotopes

MONTENEGRO

DA 17 November 2006
SF *Serbia and Montenegro*
SF *Yugoslavia*
BT1 Developing Countries
BT1 Eastern Europe

Monts d'Arree Reactor

DA 19 August 2010
USE EL-4 Reactor

NASA (Argentina)

DA 30 March 2009
USE Argentine NASA

NEODYMIUM 124

DA 13 March 2007
BT1 Even-Even Nuclei

BT1 Milliseconds Living Radioisotopes
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei

NEODYMIUM 126

DA 13 March 2007
BT1 Electron Capture Radioisotopes
BT1 Even-Even Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei

NEODYMIUM 157

DA 13 March 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei

NEODYMIUM 158

DA 13 March 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei

NEODYMIUM 159

DA 13 March 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei

NEODYMIUM 160

DA 13 March 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei

NEODYMIUM 161

DA 13 March 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Neodymium Isotopes
BT1 Rare Earth Nuclei

NEON 31

DA 13 March 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Light Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Neon Isotopes

NEON 33

DA 13 March 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Light Nuclei
BT1 Nanoseconds Living Radioisotopes
BT1 Neon Isotopes

NEON 34

DA 13 March 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Light Nuclei
BT1 Microseconds Living Radioisotopes
BT1 Neon Isotopes

NICKEL 48

DA 13 March 2007
BT1 Electron Capture Radioisotopes
BT1 Even-Even Nuclei

BT1 Intermediate Mass Nuclei
BT1 Nickel Isotopes

NICKEL 51

DA 13 March 2007
BT1 Electron Capture Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Nickel Isotopes

NICKEL 75

DA 13 March 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Nickel Isotopes

NICKEL 76

DA 13 March 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Nickel Isotopes

NICKEL 77

DA 13 March 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Nickel Isotopes

NIOBIUM 81

DA 20 April 2007
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Niobium Isotopes
BT1 Odd-Even Nuclei

NIOBIUM 82

DA 20 April 2007
BT1 Electron Capture Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Niobium Isotopes
BT1 Odd-Odd Nuclei

NIOBIUM 107

DA 20 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Niobium Isotopes
BT1 Odd-Even Nuclei

NIOBIUM 109

DA 20 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Niobium Isotopes
BT1 Odd-Even Nuclei

NIOBIUM 110

DA 20 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Niobium Isotopes
BT1 Odd-Odd Nuclei

NIOBIUM 111

DA 20 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes

BT1 Niobium Isotopes
BT1 Odd-Even Nuclei

NIOBIUM 112

DA 20 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Niobium Isotopes
BT1 Odd-Odd Nuclei

NIOBIUM 113

DA 20 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Niobium Isotopes
BT1 Odd-Even Nuclei

NITROGEN 10

DA 30 November 2007
BT1 Light Nuclei
BT1 Nitrogen Isotopes
BT1 Odd-Odd Nuclei
BT1 Proton Decay Radioisotopes

NITROGEN 24

DA 30 November 2007
BT1 Light Nuclei
BT1 Nitrogen Isotopes
BT1 Odd-Odd Nuclei

NITROGEN 25

DA 30 November 2007
BT1 Light Nuclei
BT1 Nitrogen Isotopes
BT1 Odd-Even Nuclei

NOBELIUM 248

DA 23 April 2007
BT1 Actinide Nuclei
BT1 Even-Even Nuclei
BT1 Nobelium Isotopes

NOBELIUM 263

DA 23 April 2007
BT1 Actinide Nuclei
BT1 Even-Odd Nuclei
BT1 Nobelium Isotopes

NOGENT-1 REACTOR

(Electricite de France, Nogent-sur-Seine, Aube, France. Prior to August 2010 NOGENT SUR SEINE-1 REACTOR was used for this reactor.)

DA 20 August 2010
UF *Nogent sur Seine-1 Reactor*
BT1 PWR Type Reactors

NOGENT-2 REACTOR

(Electricite de France, Nogent-sur-Seine, Aube, France. Prior to August 2010 NOGENT SUR SEINE-2 REACTOR was used for this reactor.)

DA 20 August 2010
UF *Nogent sur Seine-2 Reactor*
BT1 PWR Type Reactors

Noto-2 Reactor

DA 24 July 2008
USE Shika-2 Reactor

OLADE

DA 12 October 2006
UF *Latin American Energy Organization*
UF *Organizacion Latinoamericana de Energia*
BT1 International Organizations

OPALINUS CLAY

DA 28 January 2009
BT1 Clays
RT Radioactive Waste Disposal
RT Underground Disposal

Organizacion Latinoamericana de Energia

DA 12 October 2006
USE OLADE

OSMIUM 161

DA 28 August 2009
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Microseconds Living Radioisotopes
BT1 Osmium Isotopes

OSMIUM 197

DA 12 October 2006
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Minutes Living Radioisotopes
BT1 Osmium Isotopes

OSMIUM 199

DA 30 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Osmium Isotopes
BT1 Seconds Living Radioisotopes

OSMIUM 200

DA 2 March 2010
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei
BT1 Osmium Isotopes
BT1 Seconds Living Radioisotopes

OSMIUM NITRIDES

DA 23 February 2010
BT1 Nitrides
BT1 Osmium Compounds

OXYFUEL COMBUSTION PROCESS

DA 7 September 2007
BT1 Combustion
RT Air Pollution Abatement
RT Carbon Sequestration
RT Combustion Control
DEF Combustion of a fuel with pure oxygen instead of air.

OXYGEN 25

DA 9 March 2007
BT1 Even-Odd Nuclei
BT1 Light Nuclei
BT1 Nanoseconds Living Radioisotopes
BT1 Oxygen Isotopes

OXYGEN 26

DA 9 March 2007
BT1 Even-Even Nuclei
BT1 Light Nuclei
BT1 Nanoseconds Living Radioisotopes
BT1 Oxygen Isotopes

OXYGEN 27

DA 9 March 2007
BT1 Even-Odd Nuclei
BT1 Light Nuclei
BT1 Nanoseconds Living Radioisotopes
BT1 Oxygen Isotopes

P-Branes

DA 15 August 2007
USE Branes

PALLADIUM 91

DA 20 November 2007
BT1 Electron Capture Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Palladium Isotopes

PALLADIUM 92

DA 20 November 2007
BT1 Electron Capture Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Palladium Isotopes

PALLADIUM 121

DA 20 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Palladium Isotopes

PALLADIUM 122

DA 20 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Palladium Isotopes

PALLADIUM 123

DA 20 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Palladium Isotopes

PALLADIUM 124

DA 20 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Palladium Isotopes

PENLY-2 REACTOR

(Electricite de France, Saint-Martin-en-Campagne/Penly, Seine-Maritime, France)
DA 20 August 2010
BT1 PWR Type Reactors

PENLY-3 REACTOR

(European Pressurised Reactor - EPR, Electricite de France, Saint-Martin-en-Campagne/Penly, Seine-Maritime, France; construction of Penly-3 will start in 2012.)
DA 20 August 2010
BT1 PWR Type Reactors

Penn State Breazeale Nuclear Reactor

DA 28 September 2010
USE PSBR Reactor

PHI MESONS

DA 1 March 2007
BT1 Mesons
NT1 Phi-1020 Mesons
NT1 Phi-1680 Mesons
NT1 Phi3-1850 Mesons

PISTON EFFECT

DA 31 January 2011
BT1 Mass Transfer
RT Compressed Air

RT Trains

RT Tunnels

DEF Forced air flow inside a tunnel caused by a moving vehicle.

PLATINUM 166

DA 7 April 2009
BT1 Alpha Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Microseconds Living Radioisotopes
BT1 Platinum Isotopes

PLATINUM 167

DA 7 April 2009
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Microseconds Living Radioisotopes
BT1 Platinum Isotopes

PLATINUM NITRIDES

DA 23 February 2010
BT1 Nitrides
BT1 Platinum Compounds

POLONIUM 186

DA 24 May 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei
BT1 Microseconds Living Radioisotopes
BT1 Polonium Isotopes

POLONIUM 187

DA 24 May 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Polonium Isotopes

POLONIUM 189

DA 23 April 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Polonium Isotopes

POLONIUM 191

DA 23 April 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Polonium Isotopes

POLONIUM HALIDES

DA 29 February 2008
BT1 Halides
BT1 Polonium Compounds
NT1 Polonium Bromides
NT1 Polonium Chlorides
NT1 Polonium Fluorides
NT1 Polonium Iodides

POTASSIUM 32

DA 30 November 2007
BT1 Light Nuclei
BT1 Odd-Odd Nuclei
BT1 Potassium Isotopes

POTASSIUM 33

DA 30 November 2007
BT1 Light Nuclei
BT1 Odd-Even Nuclei

BT1 Potassium Isotopes

BT1 Proton Decay Radioisotopes

POTASSIUM 34

DA 30 November 2007
BT1 Light Nuclei
BT1 Odd-Odd Nuclei
BT1 Potassium Isotopes
BT1 Proton Decay Radioisotopes

POTASSIUM 55

DA 30 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei
BT1 Potassium Isotopes

POTASSIUM 56

DA 2 June 2009
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei
BT1 Potassium Isotopes

PRASEODYMIUM 122

DA 23 April 2007
BT1 Odd-Odd Nuclei
BT1 Praseodymium Isotopes
BT1 Rare Earth Nuclei

PRASEODYMIUM 123

DA 23 April 2007
BT1 Odd-Even Nuclei
BT1 Praseodymium Isotopes
BT1 Rare Earth Nuclei

PRASEODYMIUM 155

DA 23 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Odd-Even Nuclei
BT1 Praseodymium Isotopes
BT1 Rare Earth Nuclei

PRASEODYMIUM 156

DA 23 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Praseodymium Isotopes
BT1 Rare Earth Nuclei

PRASEODYMIUM 157

DA 23 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Praseodymium Isotopes
BT1 Rare Earth Nuclei

PRASEODYMIUM 158

DA 23 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Praseodymium Isotopes
BT1 Rare Earth Nuclei

PRASEODYMIUM 159

DA 23 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Praseodymium Isotopes
BT1 Rare Earth Nuclei

PROBABILITY DENSITY FUNCTIONS

DA 12 January 2007
BT1 Functions

RT Density Functional Method
RT Probability
RT Statistics
DEF Real-valued functions whose integrals over sets give the probabilities that random variables have values in these sets.

PROMETHIUM 126

DA 30 November 2007
BT1 Electron Capture Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Promethium Isotopes
BT1 Rare Earth Nuclei

PROMETHIUM 127

DA 30 November 2007
BT1 Electron Capture Radioisotopes
BT1 Odd-Even Nuclei
BT1 Promethium Isotopes
BT1 Rare Earth Nuclei

PROMETHIUM 128

DA 30 November 2007
BT1 Electron Capture Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Promethium Isotopes
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes

PROMETHIUM 159

DA 30 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Odd-Even Nuclei
BT1 Promethium Isotopes
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes

PROMETHIUM 160

DA 30 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Promethium Isotopes
BT1 Rare Earth Nuclei

PROMETHIUM 161

DA 30 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Odd-Even Nuclei
BT1 Promethium Isotopes
BT1 Rare Earth Nuclei

PROMETHIUM 162

DA 30 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Promethium Isotopes
BT1 Rare Earth Nuclei

PROMETHIUM 163

DA 30 November 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Odd-Even Nuclei
BT1 Promethium Isotopes
BT1 Rare Earth Nuclei

PROMETHIUM HALIDES

DA 29 February 2008
BT1 Halides
BT1 Promethium Compounds
NT1 Promethium Bromides
NT1 Promethium Chlorides
NT1 Promethium Fluorides
NT1 Promethium Iodides

PROTACTINIUM 240

DA 30 November 2007
BT1 Actinide Nuclei
BT1 Beta-Minus Decay Radioisotopes

BT1 Odd-Odd Nuclei
BT1 Protactinium Isotopes

PROTACTINIUM HALIDES

DA 29 February 2008
BT1 Halides
BT1 Protactinium Compounds
NT1 Protactinium Bromides
NT1 Protactinium Chlorides
NT1 Protactinium Fluorides
NT1 Protactinium Iodides

PROTON CONDUCTIVITY

DA 15 May 2007
BT1 Ionic Conductivity

PSBR REACTOR

(Pennsylvania State Univ., University Park, Pennsylvania, USA. Prior to September 2010 PSTR REACTOR was used for this reactor.)
DA 28 September 2010
UF *Penn State Breazeale Nuclear Reactor*
UF *Pennsylvania State TRIGA Reactor*
UF *Pennsylvania State University Research Reactor*
UF *PSR Reactor*
UF *PSTR Reactor*
UF *TRIGA-Pennsylvania Reactor*
BT1 Pool Type Reactors
BT1 Research Reactors
BT1 Thermal Reactors
BT1 Training Reactors
BT1 TRIGA Type Reactors

PURE STATES

DA 31 January 2011
BT1 Quantum States
RT Eigenstates
DEF Quantum states represented by single vectors in Hilbert space.

QUANTUM STATES

DA 31 January 2011
NT1 Mixed States
NT1 Pure States
RT Quantum Computers
RT Quantum Entanglement
RT Quantum Mechanics
RT Quantum Numbers
RT Quantum Operators
RT Wave Functions
DEF The conditions of quantum mechanical systems, described by mathematical variables, state vectors or wave functions.

QUATERNARY AMMONIUM COMPOUNDS

(Prior to September 2009 QUATERNARY COMPOUNDS was used for this concept.)
DA 28 August 2009
UF+ *TEAB*
UF+ *Tetraethylammonium Bromide*
SF *Quaternary Compounds*
BT1 Ammonium Compounds
NT1 Acetylcholine
NT1 Betaine
NT1 Choline
NT1 Pyridinium Compounds
RT Ammonia

RADIOLOGICAL DISPERSAL DEVICES

DA 9 September 2009
UF *Dirty Bombs*
BT1 Weapons
RT Biological Radiation Effects
RT Contamination

RT National Security
RT Radiological Warfare
DEF Devices or mechanisms that spread radioactive material by detonating explosives or by other means, with the intention to kill and/or cause disruption in a city or nation.

RADIUM 201

DA 30 November 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Radium Isotopes

RADIUM 202

DA 30 November 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei
BT1 Radium Isotopes

RADIUM 203

DA 30 November 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Radium Isotopes

RADIUM 204

DA 30 November 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Radium Isotopes

RADIUM HALIDES

DA 29 February 2008
BT1 Halides
BT1 Radium Compounds
NT1 Radium Bromides
NT1 Radium Chlorides
NT1 Radium Fluorides

RADON 193

DA 23 April 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Radon Isotopes

RADON 194

DA 23 April 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei
BT1 Microseconds Living Radioisotopes
BT1 Radon Isotopes

RADON 195

DA 23 April 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Radon Isotopes

RADON 198

DA 23 April 2007
BT1 Alpha Decay Radioisotopes
BT1 Electron Capture Radioisotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Radon Isotopes

RADON 229

DA 2 June 2009
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Even-Odd Nuclei
 BT1 Heavy Nuclei
 BT1 Radon Isotopes

RAYLEIGH NUMBER

DA 12 January 2007
 BT1 Dimensionless Numbers
 RT Forced Convection
 RT Natural Convection

REDOX FLOW BATTERIES

DA 24 May 2007
 BT1 Electric Batteries
 RT Redox Fuel Cells

RHENIUM 159

DA 3 July 2007
 BT1 Intermediate Mass Nuclei
 BT1 Microseconds Living Radioisotopes
 BT1 Odd-Even Nuclei
 BT1 Proton Decay Radioisotopes
 BT1 Rhenium Isotopes

RHENIUM 160

DA 3 July 2007
 BT1 Alpha Decay Radioisotopes
 BT1 Intermediate Mass Nuclei
 BT1 Isomeric Transition Isotopes
 BT1 Microseconds Living Radioisotopes
 BT1 Odd-Odd Nuclei
 BT1 Proton Decay Radioisotopes
 BT1 Rhenium Isotopes

RHENIUM 193

DA 3 July 2007
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Heavy Nuclei
 BT1 Odd-Even Nuclei
 BT1 Rhenium Isotopes

RHENIUM 194

DA 3 July 2007
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Heavy Nuclei
 BT1 Isomeric Transition Isotopes
 BT1 Microseconds Living Radioisotopes
 BT1 Odd-Odd Nuclei
 BT1 Rhenium Isotopes
 BT1 Seconds Living Radioisotopes

RHENIUM 195

DA 2 March 2010
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Heavy Nuclei
 BT1 Odd-Even Nuclei
 BT1 Rhenium Isotopes
 BT1 Seconds Living Radioisotopes

RHENIUM 196

DA 2 March 2010
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Heavy Nuclei
 BT1 Isomeric Transition Isotopes
 BT1 Odd-Odd Nuclei
 BT1 Rhenium Isotopes
 BT1 Seconds Living Radioisotopes

RHODIUM 89

DA 6 October 2006
 BT1 Electron Capture Radioisotopes
 BT1 Intermediate Mass Nuclei
 BT1 Microseconds Living Radioisotopes
 BT1 Odd-Even Nuclei
 BT1 Rhodium Isotopes

RHODIUM 119

DA 30 November 2007
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Intermediate Mass Nuclei
 BT1 Odd-Even Nuclei
 BT1 Rhodium Isotopes

RHODIUM 120

DA 30 November 2007
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Intermediate Mass Nuclei
 BT1 Milliseconds Living Radioisotopes
 BT1 Odd-Odd Nuclei
 BT1 Rhodium Isotopes

RHODIUM 121

DA 30 November 2007
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Intermediate Mass Nuclei
 BT1 Milliseconds Living Radioisotopes
 BT1 Odd-Even Nuclei
 BT1 Rhodium Isotopes

RHODIUM 122

DA 30 November 2007
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Intermediate Mass Nuclei
 BT1 Milliseconds Living Radioisotopes
 BT1 Odd-Odd Nuclei
 BT1 Rhodium Isotopes

RHODIUM NITRATES

DA 28 August 2009
 BT1 Nitrates
 BT1 Rhodium Compounds

ROENTGENIUM 273

DA 14 May 2007
 BT1 Alpha Decay Radioisotopes
 BT1 Heavy Nuclei
 BT1 Milliseconds Living Radioisotopes
 BT1 Odd-Even Nuclei
 BT1 Roentgenium Isotopes

ROENTGENIUM 274

DA 14 May 2007
 BT1 Alpha Decay Radioisotopes
 BT1 Heavy Nuclei
 BT1 Milliseconds Living Radioisotopes
 BT1 Odd-Odd Nuclei
 BT1 Roentgenium Isotopes

ROKASHO URANIUM ENRICHMENT PLANT

DA 29 March 2010
 BT1 Centrifuge Enrichment Plants
 RT Japan

RUBIDIUM 71

DA 27 December 2007
 BT1 Intermediate Mass Nuclei
 BT1 Odd-Even Nuclei
 BT1 Proton Decay Radioisotopes
 BT1 Rubidium Isotopes

RUBIDIUM 72

DA 27 December 2007
 BT1 Intermediate Mass Nuclei
 BT1 Odd-Odd Nuclei
 BT1 Proton Decay Radioisotopes
 BT1 Rubidium Isotopes

RUTHENIUM 87

DA 12 June 2007
 BT1 Electron Capture Radioisotopes
 BT1 Even-Odd Nuclei
 BT1 Intermediate Mass Nuclei

BT1 Microseconds Living Radioisotopes
 BT1 Ruthenium Isotopes

RUTHENIUM 115

DA 12 June 2007
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Even-Odd Nuclei
 BT1 Intermediate Mass Nuclei
 BT1 Milliseconds Living Radioisotopes
 BT1 Ruthenium Isotopes

RUTHENIUM 116

DA 12 June 2007
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Even-Even Nuclei
 BT1 Intermediate Mass Nuclei
 BT1 Milliseconds Living Radioisotopes
 BT1 Ruthenium Isotopes

RUTHENIUM 117

DA 12 June 2007
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Even-Odd Nuclei
 BT1 Intermediate Mass Nuclei
 BT1 Milliseconds Living Radioisotopes
 BT1 Ruthenium Isotopes

RUTHENIUM 118

DA 12 June 2007
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Even-Even Nuclei
 BT1 Intermediate Mass Nuclei
 BT1 Milliseconds Living Radioisotopes
 BT1 Ruthenium Isotopes

RUTHENIUM 119

DA 12 June 2007
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Even-Odd Nuclei
 BT1 Intermediate Mass Nuclei
 BT1 Ruthenium Isotopes

RUTHENIUM 120

DA 12 June 2007
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Even-Even Nuclei
 BT1 Intermediate Mass Nuclei
 BT1 Ruthenium Isotopes

RUTHERFORDIUM 264

DA 27 December 2007
 BT1 Even-Even Nuclei
 BT1 Heavy Nuclei
 BT1 Rutherfordium Isotopes

RUTHERFORDIUM 265

DA 27 December 2007
 BT1 Even-Odd Nuclei
 BT1 Heavy Nuclei
 BT1 Rutherfordium Isotopes

RUTHERFORDIUM 266

DA 27 December 2007
 BT1 Even-Even Nuclei
 BT1 Heavy Nuclei
 BT1 Rutherfordium Isotopes

RUTHERFORDIUM 267

DA 27 December 2007
 BT1 Even-Odd Nuclei
 BT1 Heavy Nuclei
 BT1 Rutherfordium Isotopes
 BT1 Spontaneous Fission Radioisotopes

RUTHERFORDIUM 268

DA 27 December 2007
 BT1 Even-Even Nuclei

BT1 Heavy Nuclei
BT1 Rutherfordium Isotopes

S ANTIQUARKS

DA 28 June 2007
BT1 Antiquarks
BT1 S Quarks

S-Branes

DA 15 August 2007
USE Branes

SAINT LAURENT-A1 REACTOR

(Electricite de France, Saint-Laurent-Nouan, Loir-et-Cher, France. Prior to August 2010 SAINT-LAURENT-1 REACTOR was used for this reactor.)

DA 20 August 2010
UF *EDF-4 Reactor*
UF *Saint Laurent-1 Reactor*
BT1 Carbon Dioxide Cooled Reactors
BT1 GCR Type Reactors
BT1 Power Reactors
BT1 Thermal Reactors

SAINT LAURENT-A2 REACTOR

(Electricite de France, Saint-Laurent-Nouan, Loir-et-Cher, France. Prior to August 2010 SAINT-LAURENT-2 REACTOR was used for this reactor.)

DA 20 August 2010
UF *Saint Laurent-2 Reactor*
BT1 Carbon Dioxide Cooled Reactors
BT1 GCR Type Reactors
BT1 Power Reactors
BT1 Thermal Reactors

SAINT LAURENT-B2 REACTOR

(Electricite de France, Saint-Laurent-Nouan, Loir-et-Cher, France)

DA 20 August 2010
UF *Saint-Laurent SLB2 Reactor*
BT1 PWR Type Reactors

Saint-Laurent SLB1 Reactor

DA 20 August 2010
USE Saint Laurent-B1 Reactor

Saint-Laurent SLB2 Reactor

DA 20 August 2010
USE Saint Laurent-B2 Reactor

SALINE AQUIFERS

DA 29 May 2008
BT1 Aquifers
RT Brines
RT Salinity
RT Seawater

SAMARIUM 128

DA 24 April 2007
BT1 Even-Even Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Rare Earth Nuclei
BT1 Samarium Isotopes

SAMARIUM 129

DA 24 April 2007
BT1 Electron Capture Radioisotopes
BT1 Even-Odd Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Rare Earth Nuclei
BT1 Samarium Isotopes

SAMARIUM 130

DA 19 December 2006
BT1 Electron Capture Radioisotopes
BT1 Even-Even Nuclei
BT1 Rare Earth Nuclei

BT1 Samarium Isotopes
BT1 Seconds Living Radioisotopes

SAMARIUM 132

DA 24 April 2007
BT1 Beta-Plus Decay Radioisotopes
BT1 Electron Capture Radioisotopes
BT1 Even-Even Nuclei
BT1 Rare Earth Nuclei
BT1 Samarium Isotopes
BT1 Seconds Living Radioisotopes

SAMARIUM 161

DA 24 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Rare Earth Nuclei
BT1 Samarium Isotopes
BT1 Seconds Living Radioisotopes

SAMARIUM 162

DA 24 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Rare Earth Nuclei
BT1 Samarium Isotopes
BT1 Seconds Living Radioisotopes

SAMARIUM 163

DA 24 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Rare Earth Nuclei
BT1 Samarium Isotopes

SAMARIUM 164

DA 24 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Rare Earth Nuclei
BT1 Samarium Isotopes

SAMARIUM 165

DA 24 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Rare Earth Nuclei
BT1 Samarium Isotopes

SAMI PEOPLE

(Prior to September 2008 LAPPS was used for this concept.)

DA 29 August 2008
UF *Lapps*
BT1 Indigenous Peoples
BT1 Minority Groups
RT Arctic Regions
RT Eskimos
RT Finland
RT Norway
RT Russian Federation
RT Sweden
DEF Indigenous people of northern Europe inhabiting parts of northern Sweden, Norway, Finland and the Kola Peninsula of Russia.

SCANDIUM 36

DA 23 April 2007
BT1 Light Nuclei
BT1 Odd-Odd Nuclei
BT1 Proton Decay Radioisotopes
BT1 Scandium Isotopes

SCANDIUM 37

DA 23 April 2007
BT1 Light Nuclei

BT1 Odd-Even Nuclei
BT1 Proton Decay Radioisotopes
BT1 Scandium Isotopes

SCANDIUM 38

DA 23 April 2007
BT1 Light Nuclei
BT1 Nanoseconds Living Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Proton Decay Radioisotopes
BT1 Scandium Isotopes

SCANDIUM 56

DA 23 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Scandium Isotopes

SCANDIUM 59

DA 23 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Scandium Isotopes

SCANDIUM 60

DA 23 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Scandium Isotopes

SCANDIUM 61

DA 2 June 2009
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei
BT1 Scandium Isotopes

SEABORGIUM 258

DA 24 April 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Seaborgium Isotopes
BT1 Spontaneous Fission Radioisotopes

SEABORGIUM 264

DA 24 April 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Seaborgium Isotopes
BT1 Spontaneous Fission Radioisotopes

SEABORGIUM 268

DA 24 April 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei
BT1 Seaborgium Isotopes
BT1 Seconds Living Radioisotopes
BT1 Spontaneous Fission Radioisotopes

SEABORGIUM 270

DA 24 April 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Heavy Nuclei
BT1 Minutes Living Radioisotopes
BT1 Seaborgium Isotopes
BT1 Spontaneous Fission Radioisotopes

SEABORGIUM 271

DA 24 April 2007
 BT1 Alpha Decay Radioisotopes
 BT1 Even-Odd Nuclei
 BT1 Heavy Nuclei
 BT1 Minutes Living Radioisotopes
 BT1 Seaborgium Isotopes
 BT1 Spontaneous Fission Radioisotopes

SEABORGIUM 272

DA 24 April 2007
 BT1 Alpha Decay Radioisotopes
 BT1 Even-Even Nuclei
 BT1 Heavy Nuclei
 BT1 Seaborgium Isotopes
 BT1 Spontaneous Fission Radioisotopes

SEABORGIUM 273

DA 24 April 2007
 BT1 Even-Odd Nuclei
 BT1 Heavy Nuclei
 BT1 Seaborgium Isotopes
 BT1 Spontaneous Fission Radioisotopes

SELENIUM 64

DA 15 March 2007
 BT1 Even-Even Nuclei
 BT1 Intermediate Mass Nuclei
 BT1 Nanoseconds Living Radioisotopes
 BT1 Selenium Isotopes

SEMISUBMERSIBLE PLATFORMS

DA 10 July 2008
 BT1 Offshore Platforms

SENSORS

(Coordinate this descriptor with one for the instrument of which the sensor is a component.)

DA 2 July 2007
 RT Electronic Equipment
 RT Measuring Instruments
 RT Probes
 RT Remote Sensing
 RT Sense Organs

SERBIA

DA 17 November 2006
 SF *Serbia and Montenegro*
 SF *Yugoslavia*
 BT1 Developing Countries
 BT1 Eastern Europe
 RT Danube River

SHIKA-2 REACTOR

(Hokuriku Electric Power Co., Shika, Ishikawa, Japan)
 DA 24 July 2008
 UF *Noto-2 Reactor*
 BT1 BWR Type Reactors

SILICON 43

DA 27 December 2007
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Even-Odd Nuclei
 BT1 Intermediate Mass Nuclei
 BT1 Silicon Isotopes

SILICON 44

DA 27 December 2007
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Even-Even Nuclei
 BT1 Intermediate Mass Nuclei
 BT1 Silicon Isotopes

SILVER 93

DA 16 January 2008
 BT1 Electron Capture Radioisotopes
 BT1 Intermediate Mass Nuclei

BT1 Odd-Even Nuclei
 BT1 Silver Isotopes

SILVER 124

DA 16 January 2008
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Intermediate Mass Nuclei
 BT1 Milliseconds Living Radioisotopes
 BT1 Odd-Odd Nuclei
 BT1 Silver Isotopes

SILVER 125

DA 16 January 2008
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Intermediate Mass Nuclei
 BT1 Milliseconds Living Radioisotopes
 BT1 Odd-Even Nuclei
 BT1 Silver Isotopes

SILVER 126

DA 16 January 2008
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Intermediate Mass Nuclei
 BT1 Milliseconds Living Radioisotopes
 BT1 Odd-Odd Nuclei
 BT1 Silver Isotopes

SILVER 127

DA 16 January 2008
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Intermediate Mass Nuclei
 BT1 Milliseconds Living Radioisotopes
 BT1 Odd-Even Nuclei
 BT1 Silver Isotopes

SILVER 128

DA 16 January 2008
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Intermediate Mass Nuclei
 BT1 Milliseconds Living Radioisotopes
 BT1 Odd-Odd Nuclei
 BT1 Silver Isotopes

SILVER 129

DA 16 January 2008
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Intermediate Mass Nuclei
 BT1 Milliseconds Living Radioisotopes
 BT1 Odd-Even Nuclei
 BT1 Silver Isotopes

SILVER 130

DA 16 January 2008
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Intermediate Mass Nuclei
 BT1 Milliseconds Living Radioisotopes
 BT1 Odd-Odd Nuclei
 BT1 Silver Isotopes

SODIUM 18

DA 16 January 2008
 BT1 Light Nuclei
 BT1 Odd-Odd Nuclei
 BT1 Sodium Isotopes

SODIUM 37

DA 16 January 2008
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Light Nuclei
 BT1 Odd-Even Nuclei
 BT1 Sodium Isotopes

STRAGGLING

(Coordinate with descriptor for the particle involved.)

DA 21 October 2008
 RT Charged-Particle Transport Theory
 RT Energy Losses
 RT Range

RT Slowing-Down
 RT Stopping Power
 DEF Variation in the range of a particle traversing matter due to random collisions along its path.

STRING THEORY

DA 15 August 2007
 BT1 M-Theory
 NT1 Superstring Theory
 RT Anti De Sitter Space
 RT Branes
 RT De Sitter Space
 RT Field Theories
 RT Quark Matter
 RT String Models
 DEF Attempt to unify all the fundamental interactions in nature; it has five components: one bosonic string theory and four superstring theories.

STRONTIUM 73

DA 17 July 2007
 BT1 Electron Capture Radioisotopes
 BT1 Even-Odd Nuclei
 BT1 Intermediate Mass Nuclei
 BT1 Strontium Isotopes

STRONTIUM 74

DA 17 July 2007
 BT1 Electron Capture Radioisotopes
 BT1 Even-Even Nuclei
 BT1 Intermediate Mass Nuclei
 BT1 Strontium Isotopes

STRONTIUM 103

DA 17 July 2007
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Even-Odd Nuclei
 BT1 Intermediate Mass Nuclei
 BT1 Strontium Isotopes

STRONTIUM 104

DA 17 July 2007
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Even-Even Nuclei
 BT1 Intermediate Mass Nuclei
 BT1 Strontium Isotopes

STRONTIUM 105

DA 17 July 2007
 BT1 Beta-Minus Decay Radioisotopes
 BT1 Even-Odd Nuclei
 BT1 Intermediate Mass Nuclei
 BT1 Strontium Isotopes

SULFUR 26

DA 24 April 2007
 BT1 Even-Even Nuclei
 BT1 Light Nuclei
 BT1 Milliseconds Living Radioisotopes
 BT1 Proton Decay Radioisotopes
 BT1 Sulfur Isotopes

SULFUR 49

DA 24 April 2007
 BT1 Even-Odd Nuclei
 BT1 Intermediate Mass Nuclei
 BT1 Sulfur Isotopes

SUPERCOOLING

DA 12 June 2008
 BT1 Cooling
 RT Boiling Points
 RT Melting Points
 RT Solidification

SUPERPHENIX REACTOR

(Electricite de France, Creys-Mepieu, Isere, France. Prior to August 2010 SUPER PHENIX REACTOR was used for this reactor.)

DA 20 August 2010
UF *Creys-Malville Reactor*
UF *Super Phenix Reactor*
BT1 Enriched Uranium Reactors
BT1 LMFBTR Type Reactors
BT1 Plutonium Reactors
BT1 Sodium Cooled Reactors

SUPERSTRING THEORY

DA 15 August 2007
BT1 String Theory
RT Anti De Sitter Space
RT De Sitter Space
RT Superstring Models
RT Supersymmetry
DEF Attempt to explain all of the particles and fundamental forces of nature in one theory by modeling them as vibrations of tiny supersymmetric strings; four variations exist: Type I, Type IIA, Type IIB and Heterotic.

SWITCHGRASS

DA 28 April 2009
BT1 Gramineae
RT Biomass
RT Cellulosic Ethanol

T ANTIQUARKS

DA 28 June 2007
BT1 Antiquarks
BT1 T Quarks

TANTALUM 155

DA 18 January 2008
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei
BT1 Proton Decay Radioisotopes
BT1 Tantalum Isotopes

TANTALUM 187

DA 18 January 2008
BT1 Beta-Minus Decay Radioisotopes
BT1 Heavy Nuclei
BT1 Minutes Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Tantalum Isotopes

TANTALUM 188

DA 18 January 2008
BT1 Beta-Minus Decay Radioisotopes
BT1 Heavy Nuclei
BT1 Odd-Even Nuclei
BT1 Seconds Living Radioisotopes
BT1 Tantalum Isotopes

TANTALUM 189

DA 18 January 2008
BT1 Beta-Minus Decay Radioisotopes
BT1 Heavy Nuclei
BT1 Odd-Even Nuclei
BT1 Tantalum Isotopes

TANTALUM 190

DA 18 January 2008
BT1 Beta-Minus Decay Radioisotopes
BT1 Heavy Nuclei
BT1 Odd-Even Nuclei
BT1 Tantalum Isotopes

TECHNETIUM 85

DA 18 January 2008
BT1 Electron Capture Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes

BT1 Odd-Even Nuclei
BT1 Technetium Isotopes

TECHNETIUM 86

DA 18 January 2008
BT1 Electron Capture Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Isomeric Transition Isotopes
BT1 Microseconds Living Radioisotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Technetium Isotopes

TECHNETIUM 87

DA 18 January 2008
BT1 Electron Capture Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei
BT1 Seconds Living Radioisotopes
BT1 Technetium Isotopes

TECHNETIUM 114

DA 18 January 2008
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Technetium Isotopes

TECHNETIUM 115

DA 18 January 2008
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Technetium Isotopes

TECHNETIUM 116

DA 18 January 2008
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Technetium Isotopes

TECHNETIUM 117

DA 18 January 2008
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Technetium Isotopes

TECHNETIUM 118

DA 18 January 2008
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei
BT1 Technetium Isotopes

TELLURIUM 105

DA 23 April 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Nanoseconds Living Radioisotopes
BT1 Tellurium Isotopes

TELLURIUM 139

DA 23 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Tellurium Isotopes

TELLURIUM 140

DA 23 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei

BT1 Intermediate Mass Nuclei
BT1 Tellurium Isotopes

TELLURIUM 141

DA 23 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Tellurium Isotopes

TELLURIUM 142

DA 23 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Tellurium Isotopes

TERBIUM 135

DA 27 April 2007
BT1 Microseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Proton Decay Radioisotopes
BT1 Rare Earth Nuclei
BT1 Terbium Isotopes

TERBIUM 136

DA 27 April 2007
BT1 Electron Capture Radioisotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei
BT1 Terbium Isotopes

TERBIUM 137

DA 27 April 2007
BT1 Electron Capture Radioisotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Proton Decay Radioisotopes
BT1 Rare Earth Nuclei
BT1 Terbium Isotopes

TERBIUM 138

DA 27 April 2007
BT1 Electron Capture Radioisotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Proton Decay Radioisotopes
BT1 Rare Earth Nuclei
BT1 Terbium Isotopes

TERBIUM 142

DA 27 April 2007
BT1 Electron Capture Radioisotopes
BT1 Isomeric Transition Isotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei
BT1 Terbium Isotopes

TERBIUM 167

DA 27 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes
BT1 Terbium Isotopes

TERBIUM 168

DA 27 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes
BT1 Terbium Isotopes

TERBIUM 169

DA 27 April 2007
BT1 Beta-Minus Decay Radioisotopes

BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes
BT1 Terbium Isotopes

TERBIUM 170

DA 27 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes
BT1 Terbium Isotopes

TERBIUM 171

DA 27 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei
BT1 Terbium Isotopes

THALLIUM 176

DA 24 April 2007
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Proton Decay Radioisotopes
BT1 Thallium Isotopes

THALLIUM 177

DA 24 April 2007
BT1 Alpha Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Proton Decay Radioisotopes
BT1 Thallium Isotopes

THALLIUM 178

DA 24 April 2007
BT1 Alpha Decay Radioisotopes
BT1 Electron Capture Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Thallium Isotopes

THALLIUM 180

DA 24 April 2007
BT1 Alpha Decay Radioisotopes
BT1 Electron Capture Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei
BT1 Seconds Living Radioisotopes
BT1 Thallium Isotopes

THALLIUM 181

DA 24 April 2007
BT1 Alpha Decay Radioisotopes
BT1 Electron Capture Radioisotopes
BT1 Heavy Nuclei
BT1 Odd-Even Nuclei
BT1 Seconds Living Radioisotopes
BT1 Thallium Isotopes

THALLIUM 211

DA 24 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Heavy Nuclei
BT1 Odd-Even Nuclei
BT1 Thallium Isotopes

THALLIUM 212

DA 24 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Heavy Nuclei
BT1 Odd-Odd Nuclei
BT1 Thallium Isotopes

THORIUM 208

DA 30 January 2008
BT1 Actinide Nuclei
BT1 Even-Even Nuclei
BT1 Thorium Isotopes

THORIUM 209

DA 30 January 2008
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Thorium Isotopes

THORIUM 210

DA 30 January 2008
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Thorium Isotopes

THORIUM 211

DA 30 January 2008
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Thorium Isotopes

THULIUM 178

DA 30 January 2008
BT1 Beta-Minus Decay Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes
BT1 Thulium Isotopes

THULIUM 179

DA 30 January 2008
BT1 Beta-Minus Decay Radioisotopes
BT1 Odd-Even Nuclei
BT1 Rare Earth Nuclei
BT1 Seconds Living Radioisotopes
BT1 Thulium Isotopes

TIN 99

DA 24 April 2007
BT1 Electron Capture Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Tin Isotopes

TIN 136

DA 24 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Tin Isotopes

TITANIUM 38

DA 30 January 2008
BT1 Even-Even Nuclei
BT1 Light Nuclei
BT1 Titanium Isotopes

TITANIUM 61

DA 30 January 2008
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Titanium Isotopes

TITANIUM 62

DA 30 January 2008

BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Titanium Isotopes

TITANIUM 63

DA 30 January 2008
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Titanium Isotopes

TOMARI-3 REACTOR

(Hokkaido Electric Power Co., Tomari,
Hokkaido, Japan)
DA 27 May 2010
BT1 PWR Type Reactors

TomoTherapy

DA 30 November 2007
USE CT-Guided Radiotherapy

TRANSACTINIDE COMPLEXES

DA 27 October 2011
BT1 Transplutonium Complexes
NT1 Rutherfordium Complexes

TRANSPLUTONIUM COMPLEXES

DA 27 October 2011
BT1 Transuranium Complexes
NT1 Americium Complexes
NT1 Berkelium Complexes
NT1 Californium Complexes
NT1 Curium Complexes
NT1 Einsteinium Complexes
NT1 Fermium Complexes
NT1 Mendelevium Complexes
NT1 Nobelium Complexes
NT1 Transactinide Complexes

TRICASTIN-2 REACTOR

(Electricite de France, Saint-Paul-Trois-
Chateaux, Drome, France)
DA 6 July 2010
BT1 PWR Type Reactors

TRICASTIN-3 REACTOR

(Electricite de France, Saint-Paul-Trois-
Chateaux, Drome, France)
DA 6 July 2010
BT1 PWR Type Reactors

TUNGSTEN 157

DA 28 August 2009
BT1 Beta-Plus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Tungsten Isotopes

TUNGSTEN 191

DA 24 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Heavy Nuclei
BT1 Tungsten Isotopes

U ANTIQUARKS

DA 28 June 2007
BT1 Antiquarks
BT1 U Quarks

Unbiquadium

DA 25 May 2010
USE Element 124

UNCONSOLIDATED ROCK

DA 15 December 2009
UF *Weakly Cemented Formations*

BT1 Geologic Structures
RT Rocks
DEF Rock that is weakly cemented or so poorly consolidated that it disintegrates under forces exerted upon it.

UNFCCC

DA 29 March 2010
UF *United Nations Framework Convention on Climate Change*
BT1 International Agreements
RT Climatic Change

United Nations Framework Convention on Climate Change

DA 29 March 2010
USE UNFCCC

URANIUM 217

DA 24 April 2007
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Uranium Isotopes

URANIUM 220

DA 24 April 2007
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Uranium Isotopes

URANIUM 221

DA 24 April 2007
BT1 Actinide Nuclei
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Uranium Isotopes

VANADIUM 40

DA 30 January 2008
BT1 Light Nuclei
BT1 Odd-Odd Nuclei
BT1 Proton Decay Radioisotopes
BT1 Vanadium Isotopes

VANADIUM 41

DA 30 January 2008
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei
BT1 Proton Decay Radioisotopes
BT1 Vanadium Isotopes

VANADIUM 64

DA 30 January 2008
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Vanadium Isotopes

VANADIUM 65

DA 30 January 2008
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Vanadium Isotopes

VANADIUM 66

DA 2 June 2009
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei
BT1 Vanadium Isotopes

VAPOR EXPLOSIONS

DA 10 December 2009
BT1 Explosions
RT Reactor Accidents
RT Vapors

Vatican City State

DA 28 March 2008
USE Holy See

Weakly Cemented Formations

DA 15 December 2009
USE Unconsolidated Rock

WEBSITES

DA 30 November 2006
BT1 Document Types

WEYBURN FIELD

DA 17 June 2008
BT1 Oil Fields
NT1 Saskatchewan
RT Carbon Sequestration
DEF Petroleum deposit now being studied as a possible site for carbon sequestration.

XENON 109

DA 20 April 2007
BT1 Alpha Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Xenon Isotopes

XENON 147

DA 20 April 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Xenon Isotopes

YTTERBIUM 148

DA 30 January 2008
BT1 Electron Capture Radioisotopes
BT1 Even-Even Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Rare Earth Nuclei
BT1 Ytterbium Isotopes

YTTERBIUM 149

DA 30 January 2008
BT1 Electron Capture Radioisotopes
BT1 Even-Odd Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Rare Earth Nuclei
BT1 Ytterbium Isotopes

YTTERBIUM 181

DA 30 January 2008
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Rare Earth Nuclei
BT1 Ytterbium Isotopes

YTTRIUM 76

DA 14 May 2007
BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei
BT1 Yttrium Isotopes

YTTRIUM 78

DA 14 May 2007
BT1 Electron Capture Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei

BT1 Seconds Living Radioisotopes
BT1 Yttrium Isotopes

YTTRIUM 104

DA 14 May 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Yttrium Isotopes

YTTRIUM 105

DA 14 May 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Even Nuclei
BT1 Yttrium Isotopes

YTTRIUM 106

DA 14 May 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Odd-Odd Nuclei
BT1 Yttrium Isotopes

YTTRIUM 107

DA 14 May 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Even Nuclei
BT1 Yttrium Isotopes

YTTRIUM 108

DA 14 May 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Odd-Odd Nuclei
BT1 Yttrium Isotopes

ZINC 54

DA 30 January 2008
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Proton Decay Radioisotopes
BT1 Zinc Isotopes

ZINC 55

DA 30 January 2008
BT1 Electron Capture Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Proton Decay Radioisotopes
BT1 Zinc Isotopes

ZINC 56

DA 30 January 2008
BT1 Electron Capture Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Proton Decay Radioisotopes
BT1 Zinc Isotopes

ZINC 82

DA 30 January 2008
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Zinc Isotopes

ZINC 83

DA 30 January 2008
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Zinc Isotopes

ZIRCONIUM 78

DA 14 May 2007
BT1 Electron Capture Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Zirconium Isotopes

ZIRCONIUM 79

DA 14 May 2007
BT1 Electron Capture Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Milliseconds Living Radioisotopes
BT1 Zirconium Isotopes

ZIRCONIUM 106

DA 14 May 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Zirconium Isotopes

ZIRCONIUM 107

DA 14 May 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Odd Nuclei
BT1 Intermediate Mass Nuclei
BT1 Zirconium Isotopes

ZIRCONIUM 108

DA 14 May 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Zirconium Isotopes

ZIRCONIUM 110

DA 14 May 2007
BT1 Beta-Minus Decay Radioisotopes
BT1 Even-Even Nuclei
BT1 Intermediate Mass Nuclei
BT1 Zirconium Isotopes

ZWITTERIONIC COMPOUNDS

DA 5 March 2007
UF Zwitterions
BT1 Polar Compounds
DEF Neutral compounds having formal unit
electrical charges of opposite sign
on different atoms.

Zwitterions

DA 5 March 2007
USE Zwitterionic Compounds