

2000

Analysis of Nuclear Export Control System and Implementing International Nonproliferation Regime in China

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1970

NPT

IAEA

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Abstract

China's exporting behaviour of nuclear items had been disconnected from the international non-proliferation regime such as IAEA safeguards and export control related with peaceful use of nuclear energy since 1970s. Especially, China had been one of principle suppliers of nuclear facility and technologies to Parkistan and Iran

which had developed nuclear weapon programs. On the other hand, according to the rapid growth of economic scale after China began to open to the world, an active program for nuclear power plant as an electricity source had established. This means that China have surfaced as a big market to Korean nuclear industries. Regarding this, the paper dealt with the nuclear export control matters, i.e. the history of nuclear export control system and analyzed on background of enforcement of U.S.-China Nuclear Cooperation Agreement that had been a political issue between U.S. and China. Prospects toward conforming its nuclear export policies, laws and regulations to international standards also analyzed in results.

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1964 10 5
 1970 ,
 가 .
 NPT IAEA .
 , 1947 , 1950 IAEA , 1960
 NPT 1970
 . 1970
 1983 .
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 1984 IAEA 가 1992 NPT 가
 . 1970
 , 1980 ,
 '80 1990 (GDP) 4.7 가
 3.6 가 .

가

100 kW

1

가

가

가

2.

2.1

1950

1990

가 가

2.2

가 1950. 12 Provisional Rules of Foreign
 Trade Adiministration .
 가 , 1956
 가 1978
 1980 가 Temporary Provisions of Export
 Licensing System 가 , 가
 . 1985 1988 가 ,
 7 . 1993 1 1
 Temporary Rules on the Management of Export Goods
 . 4가 . (1) 가
 가 38가 , (2)
 가가 “ ” 54 ,
 (3) () , (4)
 가가 22 ()
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()
 1994 (National People's Congress)
 (Foreign Trade Act)
 가 가
 가
 1997 가 . (1)

1.

(Administration of Chemicals under Supervision and Control ; State Council Decree 190)	1995. 12. 27
(Controlling Nuclear Export ; State Council Decree 230)	1997. 9. 10
(Managing Exports of Military Items ; Joint State Council and Central Military Commission Decree 234)	1998. 1. 1
(Export Control on Dual-Use Nuclear Products and Related Technologies ; State Council Decree 245)	1998. 6. 10

NPT 가 1997
 ZC NSG
 . 1997. 9 (State Council
 Decree No. 230 "Controlling Nuclear Exports") 가
 '97 5
 "(Notice on Issues Concerning Strict
 Implementation of China's Nuclear Export Policy)
 NSG
 INFCIRC/ 254/ Part1 (Export Control

on Dual-Use Nuclear Products and Related Technologies ; State Council Decree 245)

1998 6 10 .

INFCIRC/ 254/ Part 2 .

2.3

(China National

Nuclear Cooperation : CNNC)

(Bureau of Nuclear Safety)

(Commission for Science and Technology for National Defense ; COSTIND)

가(license)

가(ratification)

가

가

가

. COSTIND

1997 9

(Ministry of Foreign Affairs)

(Arms Control and

Disarmament Department)

가

가

(MOFTEC ; Ministry of Foreign Trade and Economic Cooperation)

가

MOFTEC

(Science and Technology Department)

(Export Control

Division)

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1997 9

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Trigger List

(Nuclear Suppliers Group)

INFCIRC/ 254/

Part 1

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(State

Council)
COSTIND, MOFTEC, MOFA

(China Atomic Energy Authority : CAEA),
(General Administration of Customs)

(가)

IAEA

IAEA

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- IAEA (,)

- 3 (CAEA) 가.

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SINOCHEM CAEA 가

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12 가 가)

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가 MOFTEC ,

CAEA(China Atomic Energy Authority)가

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), MOFTEC(

), MOFA(가 ,)

가 가 .

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3.

3.1

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NPT 가 , 1972

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2

(HEU)

1997 (Arms Control and Disarmament Agency)

, IAEA

Khushab

(50 70MWt)

1970

(Chasma , IAEA)

NSG

Chasma

300Mwe

IAEA

Chasma

IAEA

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2000

NPT

1980

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(30KWt) 1

2,3

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가

1990 10 1992
300MWe PWR 2 . ,
, ,
95 9 . 1997
Esfahan (가)
(가) .
NPT IAEA .
3.2 •
(, ,)
가
• . 1970
가 가
. 1985 7 23
, 1998. 1 13
2가 . 1985 12 16
Joint Resolution of Approval (Pub. Law No. 99-183)
, ,
, .
(certification) .
8 , ,

가 ,

가 ,

(AEA) Section 129 paragraph (2) .

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1989 6 4

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1990 2 16

Tiananmen Square Legislation(Pub. Law No.101-246)

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1985 12 Joint Resolution Approval

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2.

1984. 1	- IAEA 가
1984.11	- (Biological Weapons Convention) 가
1984	- IAEA ()
1989. 1	- 가
1991.11	- 가 (1kg) IAEA
1992. 2	- '87 MTCR
1992. 3	- NPT 가
1993. 1	- (Chemical Weapons Convention)
1993	- UN Register of Conventional Arms
1993 1994	- '94. 10 . (US-NK Agreed Framework)
1994.10	- 1994. 10 • FMCT (Fissile Material Cut-off Treaty) - 1994. 10 • MTCR
1995. 5	- NPT
1995. 9	- 300 MW
1996. 5	-
1996. 6	- 가
1997.	- IAEA가 IAEA (SSS)
1997. 5	- Zangger Committee 가, 10 가
1997. 5	- 1997. 4 5
1997. 8	-
1997.가	- 40 , , / , , (Bureau) -
1997. 9	- “ 3 ”
1997.10	- • ,

1980

1990

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가

'90

1998 1 12 ,

30

가

4.

, 1997

NSG 가

"catch-all"

가

가

1. Fu Cong, "An Introduction to China's Export Control System", *The Monitor-Nonproliferation, Demilitarization and Arms Control*, Vol. 3/4, No.4/ 1, Fall 1997/ Winter 1998, pp 17-19
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