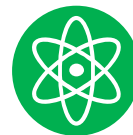


KHNP' Regional Cooperation Program

Energetické Trebicko-KHNP
Round Table
Atom Hotel, Trebic



24 May 2017





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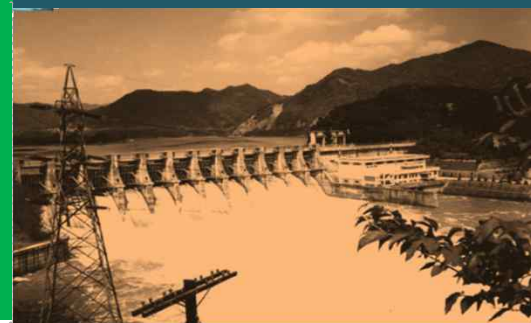
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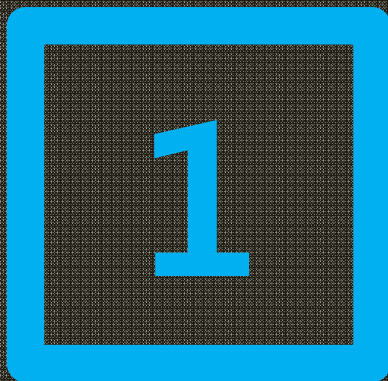
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Cooperation area
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Cooperation with Region



Regional Awareness Change on NPP Acceptance

Introduction stage of NPP (1970's)

- Very positive – Far remote area
- Very welcome – Road construction project, etc.

Technology acquisition & self-reliance stage (1980-1990's)

- Took place negative thinking-Accident foreign countries
- Spread against NPP - Failure of site selection (L&M waste repository)
- Came into conflict – Democratization & Compensation issue

Take-off stage of NPP (2000's)

- Increased demand - public opinion system & region development
- Created a friendly atmosphere – Successful selection of site ('05)
- Arrived NPP Renaissance era – 1st NPP exporting to UAE

Fukushima Accident



Negative nuclear atmosphere

Domestic Condition



Demand for human friendly company

Region & NPP

NPPs & Social Influence to Region

Character of NPPs

- Construction site
 - Far remote area from capital city
 - Area of lag behind economic development
- Critical element - Consent of Municipality & local resident

NPPs Influence on regional community

- Support to Economy – Tax, employment, pending project
- Loss of traditional home & life – Move into new place
- Change of life style – Farm & fishing village
- Conflict between different groups – resident & NPP staff

Management

KHNP's Regional Community management

Background

- Needed a strategy to increase public acceptance for stable and continuous NPP business
- Needed solution for company's pending issue through trust restoration between local resident

Conception of regional community management

- Actively contributes to local community has NPP which is base of company operation
- Be helpful in company prosperity as well – Realizes Co-existence and Co-prosperity

Strategy

KHNP's Region Management Strategy



Support by Law

Support for neighboring Power Plant region

Purpose

Through the support;

- Raise understanding of electricity project
- Expedite the development of power resources
- Contribute to smooth operation of the plant

Support by fund

- Legal ground : Act on Support for neighboring power plant region
- Finances : Electric Power Industrial Foundation Fund
- Target : Neighboring plant region which accommodated power plant

Support by Electricity Produce company

- Legal ground : Act on Support for neighboring plant region
- Finances : Company Budget
- Target : Neighboring plant region which accommodated Hydro & Nuclear power plant

ICHNP

2

Good practice for Cooperation



Cooperation on regional agriculture facilities

Good Practice

Remodeling of Low temp. Warehouse & Storage

- Completed : 2011
- Project : Remodeled warehouse (700 m2)
supported by company
- Cost : 0.5 mill US\$ (supported 0.2 mill US\$)
- Beneficiary : Regional Agriculture Cooperative Federation



Establishing Agricultural Machinery Bank

- Completed : 2010
- Project
 - + Building a new machine storage
 - + Buying 4 types & 100 farming machines
 - + lent to region farmers as low cost or free
- Cost : 1.9 mill US\$ (Supported 1.9 mill US\$)
- Beneficiary : Municipality



Cooperation on regional Medical care

Activities for Local Resident Health

Good Practice

Year	2014	2015	2016	Total
Number of people Examined	4,673	4,634	2,970	12,277



Good Practice

Facility Overview & Effects

- Completed : 2007
- Location : Near Wolsong NPP

**Contribute to the vitalization
of the local economy
by attracting tourists**

- 600 people / weekday
- 2000 people /weekend



[Restaurant]



[Gym]



[Sauna]



[Seawater Bath]

Cooperation on Education support & scholarship

Good Practice

Haeryong High School

- Support for school development : 4.6 mill US\$
- The most well-recognized school in the province



Seosaeng Middle School

- Dormitory construction support, etc. : 4.3 mill US\$
- Nation's first public boarding middle school



Scholarships to Regional school

- Provide scholarships, tuition
- Provide native English instructor



Good Practice
For Cooperation

Nuclear power Meister high school



Good Practice



Agreement

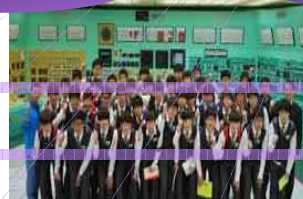
Cooperation

Customized
Education

Mutual
Benefit

위성퍼니처창다에서 한등 중인
6명의 마이스터고 신입사원들

선배들과 함께 하는 출근로 바오노로 회사 생활의 즐거움을 더해준다.



Good Practice
For Cooperation

Good Practice

Others



ICHNP

3

Cooperation with regional companies



Building Classification

Classification of Korean Reactor's facilities

Power Block Building

- Reactor Containment Building
- Auxiliary Building
- Fuel Handling Building
- Turbine Building etc.

Industrial Building

- Water Treatment Building
- Waste Water Treatment Building
- Chlorination Building
- Cold Machine Shop, etc.

Additional Building

- Construction Office
- * Owner, Contractor, Sub-contractors
- Various Fabrication Shops
- Warehouses and Storages, etc.

Status of Additional Building

√ Based on Shin-Hanul Unit 1 & 2

Additional Building

Classification	Number	Building Extent (m2)
Office	11	11.844
Storage	9	4.532
Fabrication shop for Civil & Archi.	20	10.347
Warehouse for Piping	11	4.650
Warehouse for Mechanical	12	6.615
Warehouse for Electrical	10	3.471
Total	82	41.459

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4

Potential Cooperation Area in Dukovany



Cooperation area
In Dokovany

Dukovany Project

Potential Cooperation area

Municipality	Accommodation Hospital & School Labors
Regional Community	Optimized program as a supplier - Education program - Culture exchange (K-pop), etc
Regional Companies	Additional buildings Maximize the region's participation



WIN-WIN

Thank you

친환경 에너지 기업



한국수력원자력주