Pyhäjoki municipality’s welcoming: What is the municipality’s official perspective to the nuclear power plant project

Jyri Laakso
1.8.2013
Case Pyhäjoki
Who I am

- Jyri Laakso

- Occupation: Development Agent at Municipality of Pyhäjoki

- The project is mostly funded by Centre for Economic Development, Transport and the Environment

- Started working in June 2013

- Job Description: to develop operational environment for companies, to help new companies locating at Pyhäjoki, market Pyhäjoki to companies and to their employees’ families.
Introduction

• I Basic Facts about Pyhäjoki
• II Attractions and unique features
• III Hanhikivi 1 nuclear power project from the standpoint of the municipality
• V Contact Information
• Sources
I Basic information about Pyhäjoki
Pyhäjoki River (Freely in English “saint or holy river”)
Quicks Facts about History of Pyhäjoki

• A governing county founded in 1573 by Johan III, the king of Sweden
• As a municipality, Pyhäjoki started its operations in 1865
• The current borders were set in 1895 when Merijärvi congregation became independent from Pyhäjoki
Ilmakuvaa Pyhöjänmaata, velj. Karhumäki.
Basic Facts about Pyhäjoki

- about 3400 residents
- located in North Ostrobothnia
- active villages Parhalahti, Yppäri, Pirttikoski, and Liminkakylä
- part of Raahe region with approximately 35 000 residents
- total area: 549 km²
- land 542 km² and water 7 km²
- 88 km of coastline on the Bothnian Bay
- around 150 companies and 130 farms
Pyhäjoen kylät. Sanna Heikkinen 2011.
II Some of the attractions and unique features

• The Pyhäjoki River
• The Sea
• Kielosaari Camping Area
• Entrepreneurial Upper Secondary School (High School)
• Eteläkylän Isosilta Bridge
• Karaoke Car Repair Shop
• Art loans at the library
• Kalifornia in Pyhäjoki
The Pyhäjoki river
The Sea, Bothnian Bay
The Entrepreneurial Upper Secondary School (High School)
Eteläkylän Isosilta Bridge
Art Loans from Pyhäjoki Library

Ylityspaikka
Liisa Kitinprami, 2008

Meri,
Saila Kleine Staarman, 2010

Out Footstep
Saila Kleine Staarman, 2010
Kalifornia in Pyhäjoki
III Hanhikivi 1 Nuclear Power Project from the Standpoint of the Municipality
Hanhikivenniemi

- The plant site is located in Hanhikivenniemi (Hanhikivi Peninsula) about seven kilometers north from the center of Pyhäjoki
Hanhikivi 1 project background in Pyhäjoki

- **Summer 2007**: the nuclear power company Fennovoima had almost 40 alternative site options
- **2008**: On EIA (Environmental Impact Assessment) Municipal Council of Pyhäjoki voted 15-6 for the process
- **December 2009** two alternatives left for plant site Pyhäjoki and Simo
- **2010** new regional land use plan for nuclear power was ratified by the Ministry of the Environment
- **2010** Municipal council of Pyhäjoki voted 15-6 for the detailed and partial master land use plans
- **2010** On A-Decision-in-Principle of Parliament of Finland Municipal council of Pyhäjoki voted 16-5 for the principle
- **October 2011** Pyhäjoki was chosen to be the plant site
- **June 2013** Appeals against the new master and detailed land use plans in Pyhäjoki were rejected by the Supreme Administrative Court
Why Pyhäjoki instead of Simo

According to Fennovoima, "Several technical features in Pyhäjoki were more favorable. Due to technical benefits it is more feasible to construct a nuclear power plant to Pyhäjoki. Assessments show that the bedrock in Pyhäjoki is more solid. This means that operations like excavation works are easier to carry out. In Pyhäjoki, seismic design values are lower than in Simo. This has an impact on the design of the structures, systems and equipment of the plant. The length needed for cooling water tunnels is about one kilometer shorter in Pyhäjoki. In addition to these technical features, Pyhäjoki's benefit is that there are very few permanent residents and summer houses near the power plant site, which means that the construction will cause less disturbance for the neighborhood" (Fennovoima press release, 2011).
Hanhikivi 1 project: some impacts on Pyhäjoki

- At its peak, 3000-4000 people participate in the construction process
- Provides about 25 000 man-years of work during the construction process
- About 450 man-years of work per year during the usage time
- Property taxes over the 60-year-lifecycle approximately €140-200 million and municipal taxes €160-200 million
- The value of the land sale will be €2.76 million when it is realized
- Strengthens permanent population in the area approximately with 1000 people and helps proving jobs for the educated young adults and returnees
Hanhikivi 1 project: preparation

- Land use process follows "Growing Power 2025" plan > new land use plans and land acquisition
- Several regional co-operation bodies
- Projects:
  1. Ollinmäki Industrial Area Project > almost finished
  2. Hanhikivi Multisectoral Coordination and Interconnection project> Liaison Secretary Helena Sydänmetsä
  3. Development project > Jyri Laakso
Contact information

• Jyri Laakso
• Cell Phone: + 358 40 359 6007
• e-mail: jyri.laakso@pyhajoki.fi
Sources

- [www.pyhajoki.fi](http://www.pyhajoki.fi)
- “Pyhäjoki presentation 2011” from the archives of Pyhäjoki
- Pyhäjoen kunnan kulttuuriympäristöohjelma, Sanna Heikkinen 2012
- [www.karaokekorjaamo.fi](http://www.karaokekorjaamo.fi)
- [www.fennovoima.fi](http://www.fennovoima.fi)
- [www.maps.google.fi](http://www.maps.google.fi)