

## Geological surveys planned at Fukushima Daiichi / Daini NPS following Niigata-Chuetsu-Oki Earthquake

### 1. Purpose of the Survey

Following the occurrence of Niigata-Chuetsu-Oki Earthquake on July 16, 2007, geological surveys will be conducted in water and land areas adjoining the NPS and on the station premises to supplement the past geological surveys and enhance our knowledge.

### 2. Outlines of the Survey

#### (1) Survey areas

- Surveys will be performed in the areas specified in the map shown on the right.
- Detailed survey points will be determined later with past survey records and latest information taken into account.

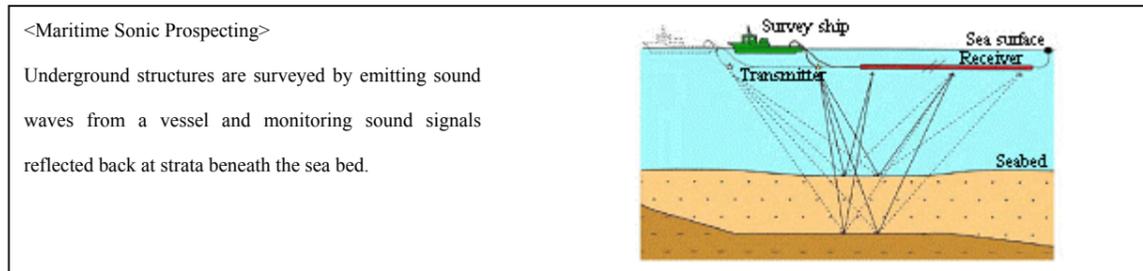
#### (2) Survey periods (plan)

- Adjoining water area: Early December 2007 – End of March 2008
- Adjoining land area: Early December 2007 – End of March 2008
- \*A surface geological survey is presently being conducted as part of a geological survey incidental to a seismic safety assessment.  
(As announced on June 8, 2007)
- Station premises: Early October 2007 – End of March 2008

#### (3) Survey methods

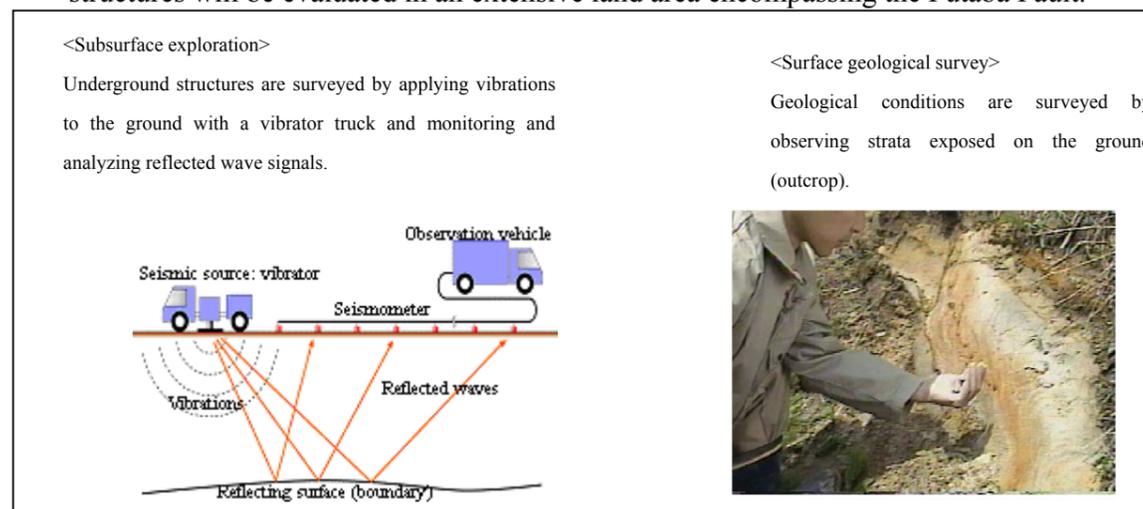
##### a. Adjoining water area

Underground geological structures will be evaluated in an adjoining water area by conducting a maritime sonic prospecting.



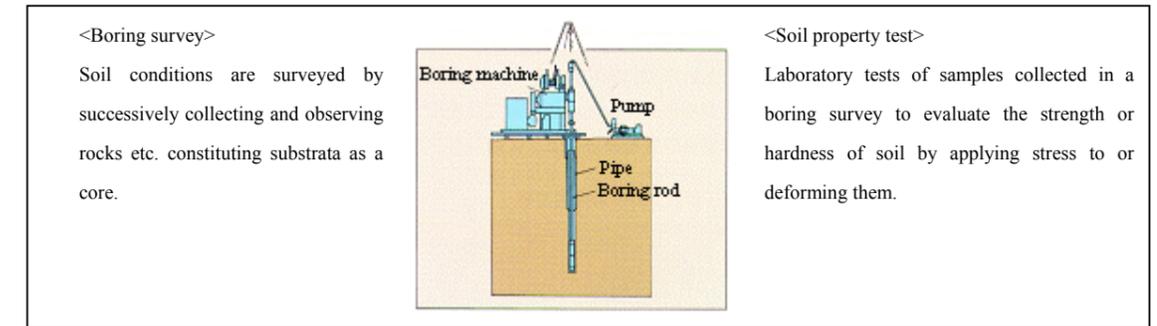
##### b. Adjoining land area

Besides those in an immediate land area adjoining the NPS, underground geological structures will be evaluated in an extensive land area encompassing the Futaba Fault.



### c. Station premises

Underground geological structures including deep underground structures beneath the station premises will be checked and evaluated with a boring survey etc., while land subsidence and soil liquefaction risks will be evaluated by checking soil characteristics.



### Fukushima Daiichi / Daini NPS geological survey area map

