

Memorandum
by Toshiso KOSAKO
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Ethics

1. Individual

(Engineer's ethics, Leader's ethics)

2. Organization

(Compliances, Role in the society
etc.)

An example at the moment of Grate East Japan Earthquake

NPP in Tohoku area

Onagawa (Tohoku) 3 BWR 15m
small damage

- Fukushima dai-ich (TEPCO) 6 BWR ~5m
4 Mark-I (3 core meltdown)
small damage 2

Fukushima daini
small damage several

The difference between the two

Former President of Tohoku electric company Mr. Yanosuke HIRAI

> He had a strong concern to Jogan earthquake (869, 1200 years ago) with Tsunami.

> Cost-up to keep 15 m height of Onagawa NPP.

The difference between the two (Cont.)

TEPCO Fukushima dai-ich NPP

Old reactors introduced at 1960s-1970s

Turn-key contract of GE

The regional distinctiveness dropped

The ground level: 30 meter to $\sim 5\text{m}$

Economical efficiency: small cont. vessel

Once per several thousand years