(INDICO #48)

Operational improvement based on Safety culture evaluation

- Enhancing training effectiveness by Digital transformation of content -

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1. Introduction

The challenge is how to make training more efficient



video materials



Training name	Frequency	Average time
Maintain competence training	5-10 sessions/ year / person	2-3 hours/ session
Capability development training	5-10 sessions/ year / person	2-3 hours/ session
Feasibility verification through field sequence training	Once / year	2 days/ session
Nation-wide comprehensive disaster drill	Once / year	1 day/ session

Fig. 1 : Heavy on staff in terms of time restraints and frequency

The challenge in the area of **Continuous Learning** from Safety culture evaluation at Ohi NPP (2022)



Fig. 2: Image of the challenge from safety culture

2. Purpose

Perspective 1

Voluminous materials and difficulty grasping key points



Perspective 2

The difficulty of visualizing training content with paper materials



Perspective 3

The burden of lengthy training time

Fig. 3 : Improvement in 3 Perspectives





a certain training

Positive feedback from viewers

Achieved by replacing every materials to video by 2025.

500 hours reduction per year.

Further convenience:

Target:

Plan to introduce portable viewing tools for on-site viewing during training.



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