

NRA presentation

E Public Communication and Involvement of Interested Parties

SHIOKARAMATSU Masaki
Nuclear Regulation Authority JAPAN

IAEA Regulatory Review Mission on ALPS Treated Water Handling
18 January 2023

* This presentation is modified not to include the IAEA's current perspectives as the IAEA's review is still on-going.



Contents

1. Contents explained last time
2. Progress after the 1st Review Mission
3. Future Schedule
4. Answer to the Comment from TF

Ref. Presentation at the last Review Mission in March 2022



1. Contents explained last time

- NRA has examined the “Application” at the Review Meeting
 - ✓ Open to the public for in-person listening as well as through web-streaming
 - ✓ After the Review Meeting, a person in charge conducts press briefing
 - ✓ All the materials are posted on the NRA website

- NRA had attended and corresponded to...
 - ✓ Local Government Meetings
 - ✓ Hearing at municipalities
 - ✓ Political Parties and Interested Groups Dialogue
 - ✓ Diet session
 - ✓ Regular Press Conference
 - ✓ Website
 - ✓ International communications



2. Progress after the 1st Review Mission

About 1st “Application” submitted on 21st Dec. 2021

- After the 1st review mission, NRA continued the examination of “Application”
 - When NRA secretariat prepared the draft review results document, NRA secretariat reported to the NRA Commission for their discussion and consideration at open meeting.
 - Then NRA solicited public comments on the draft result of the review and considered whether the submitted comments should be reflected.
 - ✓ Public comments done from 19 May 2022 to 17 June 2022 (30 days)
 - ✓ The number of submitted comments were 670 (Total number of comments were 1233)
- After considering those comments, NRA concluded that the “Application” satisfies the relevant items of the Regulatory Requirements and approved the “Application”.
- After the approval of “Application”, NRA has explained our confirmation points and results during the examination and review process to local stakeholders, neighboring countries.



3. *Future Schedule*

About 2nd “Application” submitted on 14th Nov. 2022

- After the submission of 2nd “Application”, NRA started examination at the Review Meeting which is open to the public.

<After the draft results of the review is reported to the NRA Commission and discussed...>

- NRA will solicit public comments on the draft results in the same way as 1st “Application”.



4. *Answer to the comment from TF*

- At the public comment process, NRA explained that there are many issues which are important for risk reduction of decommissioning, e.g., spent fuel removal, handle of secondary water treatment waste, etc.. Therefore, storage of ALPS treated water is not effective for risk reduction of decommissioning.



Ref. Participated meetings(Domestic and International)

Prefecture	Date
Fukushima	18 th Apr 2021, 28 th Aug 2021, 20 th Nov 2021, 12 th Feb 2022, 24 th Mar 2022, 24 th May 2022, 26 th , 28 th , 29 th Jul 2022, 25 th Oct 2022
Miyagi	18 th Sep 2021, 24 th Nov 2021, 29 th Mar 2022, 17 th Sep 2022
Ibaraki	14 th Sep 2021, 26 th Nov 2021, 30 th Sep 2022

Date	Agency	Name of Meeting
20 th Jul 2021	AEC (Taiwan)	7 th NRA-AEC meeting
5 th Nov 2021	NRC (U.S.A.)	U.S.NRC-NRA Steering Committee Meeting
10 th Nov 2021	IAEA	Program for the International Conference on A Decade of Progress After Fukushima Daiichi
30 th Nov and 1 st Dec 2021	NSSA (China), NSSC (Korea)	13 th Meeting for Top Regulators' Meeting on Nuclear Safety among NSSA, NRA and NSSC
4 th May 2022	INRA	49 th Meeting of the International Nuclear Regulators' Association
1 st Jul 2022	Joint Convention	7 th Review Meeting, Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management
23 rd Aug 2022	AEC (Taiwan)	7 th NRA-AEC meeting
20 th Sep 2022	PICs and PIFS	5 th Briefing Session with PICs and PIFS by the Government of JAPAN on ALPS Treated Water
9 th Dec 2022	NSSA (China), NSSC (Korea)	14 th Meeting for Top Regulators' Meeting on Nuclear Safety among NSSA, NRA and NSSC



**Ref. Presentation at the
last Review Mission in March 2022**



Ref. Review Meetings*1

- ✓ After the Application*2 submitted by TEPCO, NRA started review at the Review Meeting.
- ✓ At the Review Meeting, NRA showed the major points to be clarified regarding Application of facilities for discharge of ALPS treated water into the sea.
- ✓ Review Meetings are open to the public for in-person listening as well as through web-streaming. Also, after the Review Meeting, a person in charge conducts press briefing.
- ✓ All the materials are posted on the NRA website.
- ✓ All the materials (English version) are also uploaded on NRA English website.

<After the draft result of the review is reported to the NRA Commission and discussed...>

- NRA will solicit public comments on the draft result of the review, and consider how the comments should be reflected.



3rd "Review Meeting" (24th December 2021)



NRA English Website

*1: Review Meeting on Application about discharge of ALPS treated water at the Fukushima Daiichi NPS

*2: Implementation Plan on Specified Nuclear Facility for TEPCO's Fukushima Daiichi NPS



Ref. NRA's Communications

The following NRA's communication on the review of ALPS treated water discharge is conducted in the NRA's usual communication framework.

● Local Government Meetings

- ✓ NRA has attended the local government meetings about ALPS treated water held in Fukushima, Miyagi, and Ibaraki prefectures.

Prefecture	Date
Fukushima	18 th April. 2021, 28 th Aug. 2021, 20 th Nov. 2021, 12 th Feb. 2022
Miyagi	18 th Sept. 2021, 24 th Nov. 2021
Ibaraki	14 th Sept. 2021, 26 th Nov. 2021



Meeting held at Fukushima prefecture(20th November 2021)
<https://www.youtube.com/watch?v=P3EI-38-rmM>

● Hearing at municipalities

- In due course, NRA plans to explain the details of the review result to the prefectures and municipalities through the framework under the Ministerial Conference for the consistent execution of Basic Policy on handling of ALPS treated water.

● Political Parties and Interested Groups Dialogue

- ✓ NRA has attended the Political Parties and Interested Groups Dialogue, since the Basic Policy has been opened.



Ref. NRA's Communications

● Diet session

- ✓ NRA provides explanation to the questions at the Diet session.
 - About future schedules.
 - Present status of review.

● Regular Press Conference

- ✓ NRA regularly holds the Press conference
 - Chairman of NRA: weekly on Wednesday
 - General Affairs Division Chief: twice a week on Tuesday and Friday



Press Conference of Chairman of NRA (9th March 2022)

https://www.youtube.com/watch?v=hZRB_AJ6aNQ

● Website

- ✓ NRA makes public the materials of hearings from the operators.



● International communications

- ✓ NRA has held the meetings with other countries and agencies in the usual communication framework and explained the up-to-date status around ALPS treated water discharge.

Date	Agency	Name of Meeting
20 th July. 2021	AEC (Taiwan)	7 th NRA-AEC meeting
5 th Nov. 2021	NRC (U.S.A.)	U.S.NRC-NRA Steering Committee Meeting
10 th Nov. 2021	IAEA	Program for the International Conference on A Decade of Progress After Fukushima Daiichi
30 th Nov. and 1 st Dec. 2021	NSSA (China), NSSC (Korea)	13 th Meeting for Top Regulators' Meeting on Nuclear Safety among NSSA, NRA and NSSC

- ✓ NRA has responded to the questions from other countries.
- ✓ NRA continues to communicate with other countries.