

美方對我國核能安全公約國家報告審查意見暨我方回復說明

Question No.:	CNS Article(s):	Reference / Section No.:	Question:	Reply
1.	6	6.2.4 6.3.5	These sections of the report list the international organizations joined by TPC to address challenge 1 identified during the 6th review meeting of the CNS. We would like to commend AEC for this and encourage AEC to continue engaging with international organizations.	Thank you for your comments and observations. The NSC appreciates the positive feedback and will continue engaging with international organizations.
2.	6	6.3.7	This section describes the corrective action program management system developed. Could you share a brief description of this system?	All nuclear fleet followed this CAP system and developed CAP procedure as the fundamental to recognize, report, and analyze identified shortfalls through CAP process for continuous improvement. The CAP process is described as attached Fig. "Corrective Action Program Management System".
3.	8	8.5	This section describes AEC measures implemented to increase transparency. Further, this section mentions the Public Participation Platform and Public Participation Committee. Could you share some of the lessons learned from using these tools?	The Public Participation Platform, established by the Nuclear Safety Commission (NSC), provides channels for civic organizations to provide opinions and discuss public issues related to nuclear energy. To expand the function of the platform, all activities related to nuclear safety regulation, such as public hearings or communication meetings, are within the scope of the platform's operation. This platform is open to online registration or live streaming to ensure the information transparency and to encourage citizens to join the decision-making process. To earn the trust and support of the public, the Nuclear Safety Commission (NSC) takes a more proactive role in holding dialogues and discussions with the general public concerned about the issue of nuclear safety regulation to broadly solicit opinions from various social sectors. Therefore, the "Guidelines for the Public Participation Committee" is formulated to invite external experts in various fields to collect advice on the communication

				<p>mechanism. In addition to adjusting the content of the official website, social media, and promotional materials to provide regulatory information in a more convenient and user-friendly way, the NSC also promotes nuclear energy education through physical exhibitions. The face-to-face communication and explanation are provided to promote the public's willingness to participate in public affairs related to nuclear energy.</p>
4.	10	10.2.2	<p>This notes that TPC conducted the safety culture assessment to evaluate the effects of these programs on safety performance and to identify the weaknesses. Could you share major findings from this assessment?</p>	<p>During the self-assessment, it was discovered that the knowledge, skills, and work habits of some maintenance teams had not been continuously improved. Maintenance experience is not effectively retained and communicated. This causes delays and impacts on the timeliness of maintenance or overhaul of power plant equipment. Subsequent improvement measures are as follows:</p> <ul style="list-style-type: none"> a. Add picture annotations to the power plant's procedure, and ensure the accuracy of the contents through three parties: maintenance technician, inspectors and verification personnel. b. Incorporate negative examples as feedback into the procedure to help future maintenance technician avoid repeating same mistakes. c. Offer new maintenance fundamental skills courses to continuously improve the basic work knowledge of maintenance technician.
5.	10	10.4.1 10.4.2	<p>These sections explain the safety review performed by independent reviewers, such as WANO, and the enhancements implemented by TPC, because of these reviews. We would like to commend for the practice of inviting independent reviewers to perform these safety assessments.</p>	<p>Thank you for your comments and observations. The NSC appreciates the positive feedback.</p>
6.	14	14.3.4	<p>This section includes table 14.1 to indicate the protections required for TPC to implement after the Fukushima accident. The table shows that many required protections are still in progress.</p>	<p>There are some of enhancement measures to be completed in the near future listed in Table 14.1. It takes more time to complete some of the enhancement measures, attributed to the complexity of the issues. Some of the re-evaluations are associated with natural</p>

			<p>Could you provide an update for when these protections would be implemented?</p>	<p>hazards and the investigations need more time to plan and implement. NSC always keeps an eye on the enhancement measures of the U.S., Japan and Europe, and requests TPC to follow up. As a result, it takes more time, even exceeding the expiration date of the operating license, to complete the enhancement measures.</p> <p>NSC keeps requesting TPC to implement the enhancement measures which are not completed to improve the safety during decommissioning period (while fuels are in wet storage). After the approval of decommissioning plan, TPC submitted safety assessments for exemptions or alternate measures, and they will be approved only if it is determined that the exemptions or alternate measures will not affect the safety.</p>
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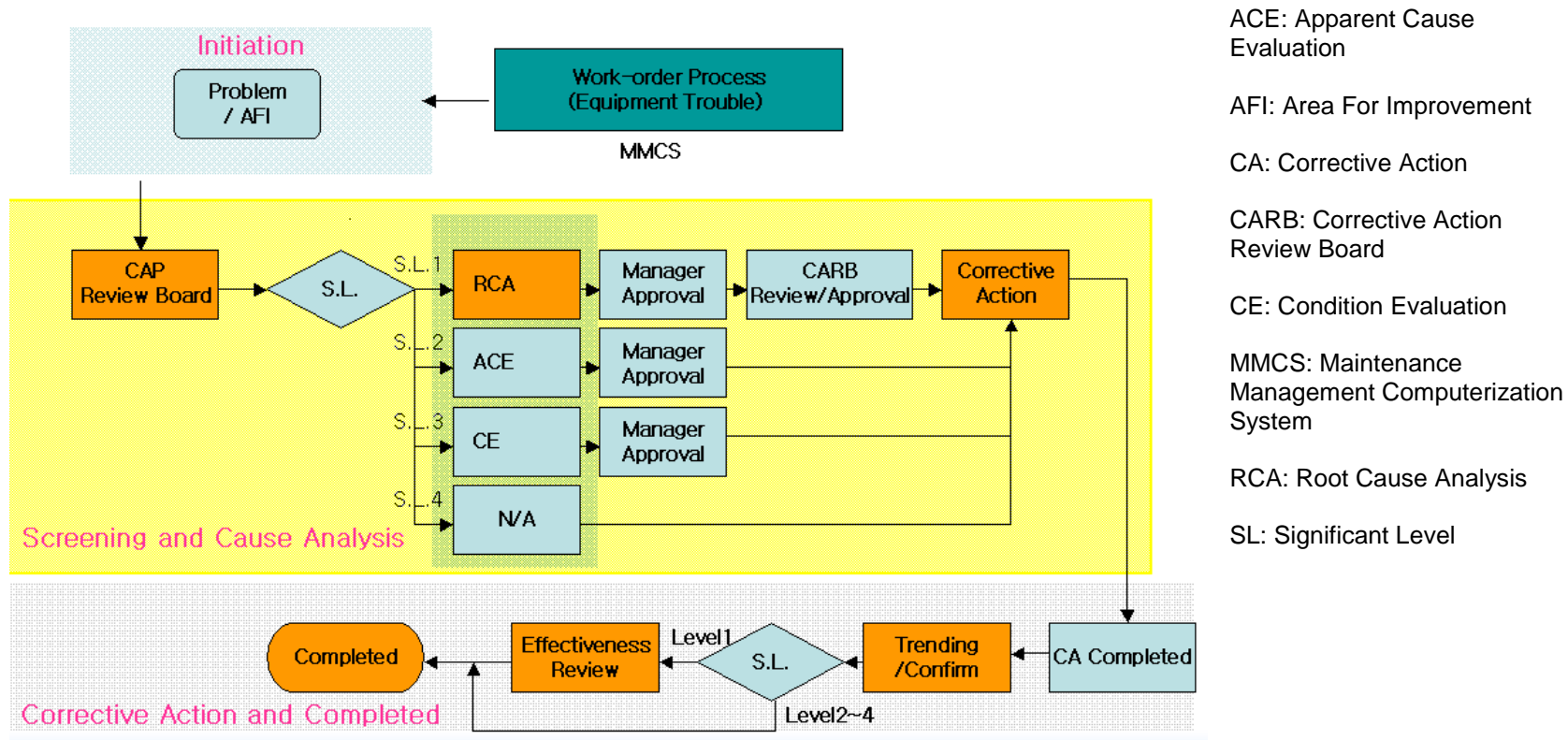


Fig. Corrective Action Program Management System