

# REQUEST FOR ADDITIONAL INFORMATION 365-2774 REVISION 1

5/14/2009

US-APWR Design Certification

Mitsubishi Heavy Industries

Docket No. 52-021

SRP Section: 06.01.02 - Protective Coating Systems (Paints) - Organic Materials  
Application Section: 6.1.2

QUESTIONS for Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects)  
(CIB1)

06.01.02-1

## Background

SRP 6.1.2 (Review Procedures, p. 6.1.2-5) states that a DC applicant should include requirements and restrictions so as to meet the acceptance criteria. Also, SRP 6.1.2 (Areas of Review 4.) states that a DC applicant will address COL action items and requirements. Finally, Regulatory Guide 1.54 (and ASTM D 5144) gives specific guidance for Service Level I Coatings to meet acceptability criteria. DCD Section 6.1.2 contains little information about the type of coatings that will be installed in the plant, although in its response to RAI 45-876 Question 06.02.02-1, the applicant reiterates that all coatings will be DBA qualified (Reference 1). Furthermore, the applicant's response to RAI 263-2072 Question 06.02.02-12 provides Tier 1 ITAAC requirements (Reference 2). In this RAI, the staff requested the applicant to discuss the need for establishing a COL information item for COL applicants to identify DBA coatings requirements. However, the applicant did not mention the need for any COL items in its reply to RAI 263-2072 Question 06.02.02-12.

## Requested Information

Provide specific requirements for a COL applicant to describe its DBA coatings and how it meets the acceptance criteria for coatings.

## References

1. Letter from Yoshiki Ogata, MHI, to Jeffrey Ciocco, USNRC, dated August 26, 2008; Subject: MHI's Response to US\_APWR DCD RAI No. 45-876 Docket No. 52-021 MHI Ref: UAP-HF-08152; Adams Accession No. ML082470054.
2. Enclosure 2 (ADAM Accession No. ML090030713) to letter from Yoshiki Ogata to NRC dated March 31, 2009, Subject: MHI's Responses to US-APWR DCD RAI No. 263-2072 (ADAMS Accession No. ML090930722)