

DOCKETED

Docket Number:	02-AFC-01C
Project Title:	Sonoran Energy Project (formerly Blythe Energy Project Phase II) - Compliance
TN #:	210698
Document Title:	Sonoran Energy Project - Record of Conversation - Considerations for Passive Mitigation for Aqueous Ammonia Tanks
Description:	N/A
Filer:	Mary Dyas
Organization:	California Energy Commission
Submitter Role:	Commission Staff
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CALIFORNIA ENERGY COMMISSION

REPORT OF CONVERSATION Page 1 of 1



Siting, Transmission, and Environmental Protection Division

FILE: 02-AFC-1C

PROJECT TITLE: Sonoran Energy Project

<input checked="" type="checkbox"/> Telephone		<input type="checkbox"/> Meeting Location:			
NAME:	Brett Fooks (916-654-5593)	DATE:	03/04/16	TIME:	11:00
WITH:	Jerry Salamy - Project Manager C2HMHill, Geoff Lesh CEC, Benjamin Eattie – C2HMHill Modeler				
SUBJECT:	Discussion Of Considerations for Passive Mitigation for Aqueous Ammonia Tank				

Staff held a conference call with the petitioner to discuss the following items:

- Staff explained the methodology that Staff uses for evaluating proposed hazardous materials storage facilities at power plants, i.e.: that the potential risk (equal to the probability of an incident multiplied by the consequences of that incident) are considered whenever there is potential for airborne ammonia concentrations to exceed 75 ppm off-site.
- Staff indicated that for the Sonoran Energy Project, nearby receptors of potential concern would include the Blythe Municipal Airport and the Interstate I-10 freeway.
- CH2 indicated that the potential risks to these infrastructure features in any proposed design for aqueous ammonia storage would be considered.
- Staff suggested that, using a performance-based standard based upon the Emergency Response Planning Guideline (ERPG) Level 2, seemed appropriate. The ERPG-2 has a 150 ppm average limit for one hour. Staff suggested that any passive mitigation of a worst-case spill should prevent the ERPG-2 limit from being exceeded at Interstate-10 south of the proposed project site (approximately 0.3 miles south of the project fence line).
- Staff also requested that design verification plume modeling be done using EPA's ALOHA software tool.
- A revised condition of certification regarding the passive mitigation will be published in the Final Staff Assessment (FSA).

CC:	Signed: <SIGNED>
	Name: Brett Fooks