

DOCKETED

Docket Number:	15-AFC-01
Project Title:	Puente Power Project
TN #:	215468
Document Title:	Traffic and Trans FSA Workshop Presentation
Description:	FSA staff workshop presentations. The Biological Resources, Cultural Resources, Environmental Justice, Land Use, and Traffic and Transportation presentations were made, the others were not.
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Puente Power Project Final Staff Assessment Traffic and Transportation

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January 10, 2017
Puente FSA Workshop
Oxnard, CA



FSA Changes

- **Appendix TT-1:** Staff has provided an additional appendix outlining a revised threshold for thermal plume velocity.
- **Appendix TT-3:** Staff has provided a new thermal plume velocity analysis using the Mitre Model.

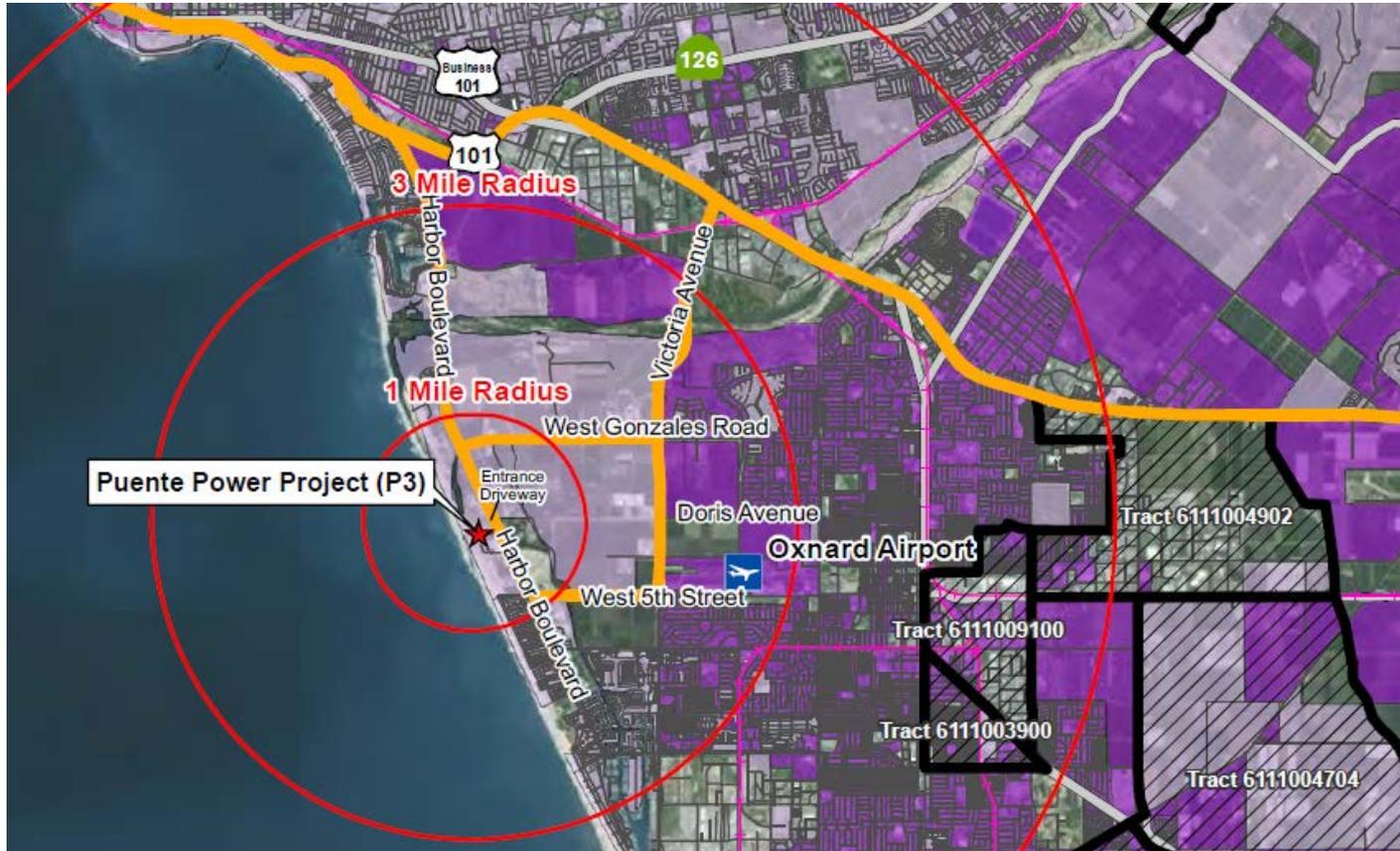


FSA Changes

- **Minor Changes to Conditions of Certification:** Staff is recommending minor non-substantive changes to:
 - TRANS-4 (Transportation of Hazardous Materials)
 - TRANS-6 (Obstruction Marking and Lighting)
 - TRANS-7 (Pilot Notification and Awareness)



Environmental Justice





Puente Power Project Appendix TT-3- FSA (MITRE Appendix)

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Appendix TT-3 FSA

New results for MGS Unit 3:

- ❖ Table comparing Light Sport Aircraft and Light GA Aircraft
- ❖ Table comparing Business Jets and Narrow-Body Jets



Appendix TT-3 FSA

MITRE Model Results

Risk Height Estimates for Light Sport and Light GA Aircraft Comparing Puente to MGS Unit 3

Risk Probability	Light Sport Aircraft		Light GA Aircraft	
	Puente CTG	MGS Unit 3	Puente CTG	MGS Unit 3
10^{-7}	Unable to Determine	Unable to Determine	Unable to Determine	Unable to Determine
10^{-6}	Unable to Determine	Unable to Determine	Unable to Determine	Unable to Determine
10^{-5}	Unable to Determine	Unable to Determine	3,100	3,400
10^{-4}	3,400	Unable to Determine	2,350	2,500
10^{-3}	2,500	2,600	1,750	1,800
10^{-2}	1,750	1,850	1,300	1,300



Appendix TT-3 FSA

MITRE Model Results

Risk Height Estimates for Business and Narrow-Body Jets Comparing Puente to MGS Unit 3

Risk Probability	Business Jets		Narrow-Body Jets	
	Puente CTG	MGS Unit 3	Puente CTG	MGS Unit 3
10 ⁻⁷	3,200	Unable to Determine	1,500	1,600
10 ⁻⁶	2,600	2,850	1,300	1,300
10 ⁻⁵	2,150	2,300	1,075	1,100
10 ⁻⁴	1,700	1,750	925	900
10 ⁻³	1,350	1,350	775	800
10 ⁻²	1,000	950	550	400