

PROPOSED PROJECT

- **New FERC License for Upper American River Project**
- **Seven Existing Developments**
- **One New Development – Iowa Hill Pumped-storage**

HISTORY OF RELICENSING ENVIRONMENTAL REVIEW PROCESS

- **Alternative Licensing Process** 2001 – 2005
- **Scoping Process** 2003 – 2004
- **SMUD License Application** 2005
- **EI Dorado – SMUD Cooperation Agreement** 2005
- **Iowa Hill Joint Advisory Committee** 2006
- **UARP Settlement Agreement** 2007
- **FERC and USFS Final EIS** 2008

DRAFT SUPPLEMENTAL ANALYSIS

CEQA Supplement to Final EIS

- Consistent with California law
- Provides basis for SMUD and SWRCB actions

Contents of Document

- New issues raised by State Water Resources Control Board
- Proposed mitigation measures of Iowa Hill Joint Advisory Committee (IHJAC)
- Analysis of growth-inducing impacts and asbestos

Public Comments on Draft Supplemental Analysis

- Written comments due by June 16, 2008
- Verbal comments this evening

FINDINGS OF SUPPLEMENTAL ANALYSIS

Water Quality in Slab Creek Reservoir

- Impacts on turbidity less than significant
- Impacts on mercury bioaccumulation less than significant

Growth Inducing Impacts

- Impacts on Sacramento County less than significant
- Impacts on El Dorado County less than significant

Asbestos

- No impact

IHJAC-RECOMMENDED CEQA MEASURES

	Noise	Fire	Socio	Visual	Transportation	<u>TOTAL</u>
Recommended	31	21	12	32	101	185
Consolidated	13	14	*	13	26	66
<u>SMUD Staff Recommendations</u>						
Adopt	11	6		10	19	46
Modify	1	3		1	4	9
Not Adopt	1	5		2	3	11

- Socioeconomic measures were added to Noise, Fire, Visual, or Transportation categories

VISUAL

(CEQA DOCUMENT TABLE 3.3.3.2-1)

Adopt

Place features underground
Reduce visibility of tunnel portal
Develop 3-D simulation of project
Minimize road widening tree removal
Minimize visibility of fencing

Use COR-TEN® steel for towers
Minimize loss of high sight timber
Erosion control on disturbed land
Meet USFS visual standards
Minimize night lights

Modify

Plant/color berm with boulders

Not Adopt

Build lower/smaller berm or skirt berm
Offsite biomass plant for brush

TRANSPORTATION

(CEQA DOCUMENT TABLE 3.3.3.3-1)

Adopt

Establish offsite queuing areas
Use vanpools and carpools
Repair roads; obtain EDC permits
Safe explosives transportation
Recognize federal/state/local req'mts.
Notify local jurisdictions of process
Ensure roads designed for trucks
Vehicles comply with CA air stds.
"Share the Road" training
Integrate EDC projects into plan

Signage to conform with EDC Stds.
Use one or more alt. access routes
Require use of designated routes
Minimize tree cutting along roadways
Plow roads of snow
Improve road from Dam to Tunnel
Ban smoking in vans
Analyze Cable Road narrowness
Integrate accident data into plan

Modify

Minimize road conflicts; build bike lanes
Place liter bags in vans

Use vanpools; expand Apple Hill shuttles
Improve and use Copperton Road

Not Adopt

Construct new underpass to Carson Rd.
Prohibit left turns across US Hwy. 50

Require workers to live onsite

NOISE

(CEQA DOCUMENT TABLE 3.3.3.4-1)

Adopt

Establish noise hotline	Noisy activities only 7 to 7, M-F
Monitor blasting; implement measures	Conduct environmental surveys
Ensure operations noise below 35dBA	Limit transportation noise
Public communications policy	Monitor noise; modify activities
Address noise if chipping used	

Modify

Ban use of JAKE brakes	End each workday before 7PM
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Not Adopt

Written confirmation abide by EDC standards

FIRE

(CEQA DOCUMENT TABLE 3.3.3.5-1)

Adopt

Interface with fire protection services	Develop an evacuation plan
Build water storage facility	Full-time fire patrol
Fire safety awareness training	Fire plan approved by CalFire/USFS

Modify

Ban smoking	Provide observation tower
Suspend work during fire season	

Not Adopt

Assist with costs of brush clearing at homes	Do not burn vegetation onsite
Finance fire responders	Initiate immediate fuels reduction
Extend fire hydrants on access routes	

NEXT STEPS (estimated timeline)

- **Final Supplemental Analysis** Aug 2008
- **SMUD Board Certification** Sep 2008
- **401 Water Quality Certification** 2009
- **ESA Biological Opinion** 2009
- **FERC License and Board Acceptance** 2009
- **Begin Implementation of License Conditions** 2009
- **Iowa Hill Final Design and Plans** 2009 – 2012
- **SMUD Board Decision on Construction of Iowa Hill** 2012
- **Iowa Hill Construction** 2013 - 2017