DOCKETED

Docket Number:	13-AFC-01
Project Title:	Alamitos Energy Center
TN #:	201620-35
Document Title:	AEC AFC Appendix 2B Equipment Requirements
Description:	Previously TN# 201493-8
Filer:	Tiffani Winter
Organization:	CH2M Hill
Submitter Role:	Applicant Consultant
Submission Date:	2/3/2014 12:47:11 PM
Docketed Date:	2/3/2014

Appendix 2B
Construction Equipment

Demo Peaker, Fuel Tank and Eastern Part of Water Treatment Enclosure	2016											
Description	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Excavators	4	4	4	4	4	4	4	4				
Backhoe	1	1	1	1	1	1	1	1				
10 Wheel Dump Truck	2	2	2	2	2	2	2	2				
Dozer	1	1	1	1	1	1	1	1				
Front End Loader	1	1	1	1	1	1	1	1				
50 Ton Hydraulic Crane												
35 Ton Hydraulic Crane	2	2	2	2	2	2	2	2				
Fork Lift	1	2	2	2	2	2	2	2				
Grader												
Compactor - Rayco Vibratory Type												
Stake Truck	1	1	1	1	1	1	1	1				
Water Truck	1	1	1	1	1	1	1	1				
Pick-up Truck	1	1	1	1	1	1	1	1				
Air Compressor	2	2	2	2	2	2	2	2				
Light Tower												
	1	2	3	4	5	6	7	8	9	10	11	12

Demo of Northeastern Warehouse	2016											
Description	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Excavators	2	2	2	2	2							
Backhoe	1	1	1	1	1							
10 Wheel Dump Truck	2	2	2	2	2							
Dozer	1	1	1	1	1							
Front End Loader	1	1	1	1	1							
50 Ton Hydraulic Crane												
35 Ton Hydraulic Crane	2	2	2	2	2							
Fork Lift	1	2	2	2	2							
Grader												
Compactor - Rayco Vibratory Type												
Stake Truck	1	1	1	1	1							
Water Truck	1	1	1	1	1							
Pick-up Truck	1	1	1	1	1							
Air Compressor	2	2	2	2	2							
Light Tower												

ALAMITOS ENERGY CENTER CONSTRUCTION EQUIPMENT USAGE

Power Blocks 1 & 2 Construction	2016					2017												2018												2019											
	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC
Excavators		2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0							
Backhoe		1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	0							
10 Wheel Dump Truck		2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0							
Dozer		1	1	1	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Front End Loader		1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1							
75 Ton Hydraulic Crane		1	1	1	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	0	0	0							
35 Ton Hydraulic Crane		0	0	0	0	1	1	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1							
Pile Driver		2	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Fork Lift		2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1							
Grader		1	1	1	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0							
Compactor		1	1	1	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0							
Stake Truck		2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1							
Water Truck		2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	0							
Pick-up Truck		2	2	2	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2							
Air Compressor		2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	2	1	1	1	0	0	0	0	0							
Light Towers																																									
Heavy Lift Lattice Boom Main Crane								1	1	1	2	1	1	2	1	1	2	2	2	1	1	1																			
Heavy Lift Lattice Boom Tail Crain								1	1	1	2	1	1	2	1	1	2	2	2	1	1	1																			
Heavy lift Gantry Crane												1	1	1	2	1	1	1																							
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48

Power Block 3 Construction	2020												2021												2022															
	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC				
Excavators			2	2	2	2	2	1	1	1	1	1	1	1	1	1										1	1	1	1	1										
Backhoe			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1									
10 Wheel Dump Truck			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1																				
Dozer			1	1	1	1	1	1	1																															
Front End Loader			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1								
75 Ton Hydraulic Crane						1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1														
35 Ton Hydraulic Crane							1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1									
Pile Driver				1	1	1																																		
Fork Lift				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1									
Grader				2	2	1	1	1	1																				1	1										
Compactor				2	2	1	1	1	1																					1										
Stake Truck				2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
Water Truck				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
Pick-up Truck				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
Air Compressor				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1													
Light Towers																																								
Heavy Lift Lattice boom Main Crane									1	1	1	1			1	1	1	1	1	1																				
Heavy Lift Lattice boom Tail Crain									1	1	1	1			1	1	1	1	1	1																				
Heavy lift Gantry Crane													1	1	1	1																								
	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84				

Power Block 4 Construction	2023												2024												2025															
	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV					
Excavators						2	2	2	2	2	1	1	1	1	1	1	1	1	1										1	1	1	1	1							
Backhoe						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
10 Wheel Dump Truck						2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1																	
Dozer						1	1	1	1	1	1	1																												
Front End Loader						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						1				
75 Ton Hydraulic Crane									1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1											
35 Ton Hydraulic Crane										1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1					
Pile Driver						1	1	1	1																															
Fork Lift						2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1					
Grader						2	2	1	1	1	1	1																				1	1							
Compactor						2	2	1	1	1	1	1																				1	1							
Stake Truck						2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
Water Truck						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
Pick-up Truck						2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
Air Compressor						2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1										
Light Towers																																								
Heavy Lift Lattice boom Main Crane												1	1	1	1			1	1	1	1	1	1	1																
Heavy Lift Lattice boom Tail Crain												1	1	1	1			1	1	1	1	1	1																	
Heavy lift Gantry Crane																1	1	1	1																					
																1	1	1	1																					
	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119					

ALAMITOS ENERGY CENTER EQUIPMENT USAGE

DEMOLITION UNIT 5 & 6	2018					2019												2020												2021											
	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC
Excavators			2	2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6															
Backhoe																																									
10 Wheel Dump Truck			1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2															
Dozer																																									
Front End Loader			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2															
75 Ton Hydraulic Crane			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2															
35 Ton Hydraulic Crane			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2															
Fork Lift			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2															
Grader																																									
Compactor																																									
Stake Truck			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1															
Water Truck			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1															
Pick-up Truck			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1															
Air Compressor			3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3															
Light Towers																																									
			34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72

DEMOLITION UNIT 3 & 4	2022												2023												2024															
	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC				
Excavators	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4																
Backhoe																																								
10 Wheel Dump Truck	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																
Dozer																																								
Front End Loader	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2																
75 Ton Hydraulic Crane	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2																
35 Ton Hydraulic Crane	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																
Fork Lift	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2																
Grader																																								
Compactor																																								
Stake Truck	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																
Water Truck	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																
Pick-up Truck	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																
Air Compressor	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2																
Light Towers	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0																							
	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108				

DEMOLITION UNIT 1 & 2	2025												2026												2027															
	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV					
Excavators								2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4									
Backhoe																																								
10 Wheel Dump Truck								1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1									
Dozer																																								
Front End Loader								1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2									
75 Ton Hydraulic Crane								1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2									
35 Ton Hydraulic Crane								2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1									
Fork Lift								1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2									
Grader																																								
Compactor																																								
Stake Truck								1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1									
Water Truck								1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1									
Pick-up Truck								1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1									
Air Compressor								2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2									
Light Towers								0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0																
	109	**110**	**111**	**112**	**113**	**114**	**115**	**116**	**117**	**118**	**119**	**120**	**121**	**122**	**123**	**124**	**125**	**126**	**127**	**128**	**129**	**130**	**131**	**132**	**133**	**134**	**135**	**136**	**137**	**138**	**139**	**140**	**141**	**142**	**143**					