ATTACHMENT 18
DATA REQUEST NO. 56

KOP#7 ANALYSIS AND VISUAL SIMULATION

RESPONSE TO DATA REQUESTS
MARCH 8, 2001

Analysis Methodology – KOP 7

Visual Setting Assessment

KOP #7 - Dockweiler Beach State Park. This KOP represents views directly to the east towards the El Segundo Power Redevelopment Project from Dockweiler State Beach breakwater.

Visual Quality. Views of the proposed project are primarily open with the LADWP Scattergood Power Plant and Water Treatment Facility visible to the east, Chevron Refinery visible to the southeast, the existing ESGS visible to the east, and Santa Monica Bay visible to the north. Due to the coastal nature of the project site and the surrounding recreational areas, this KOP is considered to have High visual quality.

Visual Sensitivity. The sensitivity of this KOP would be considered moderate due to the volume of use and recreational nature of the area.

Visibility. Although recreational users of the beach have a direct view of the project site, the existing ESGS already has a dominating effect. Furthermore, as a separate project the two large tanks adjacent to the power plant will be removed. Therefore, the visibility of the project is considered to have a Moderate value.

Viewer Exposure. The existing power plant is within range of recreational users of the Dockweiler State Beach and Manhattan County Beach. Users of the beach will have an unobstructed view of the power plant structures due to the area's open nature. Due to the relatively short distance and moderate number of users, the viewer exposure value is considered moderate.

KOP	Visual Quality	Viewer Sensitivity	Visibility	View Exposure	Overall Susceptibility
KOP 7	High	Moderate	Moderate	Moderate	Moderate to High

Assessment of Visual Effects

Key Observation Point #1 - Dockweiler Beach State Park

Figure 5.13-10b is the simulation that represents the view of the completed project, as it would appear from KOP 7. The most prominent structures in this view are the existing stacks and cooling towers. Figure 5.13-10a illustrates the project site before construction, with the storage tanks removed.

Contrast with Existing Structures. The proposed exhaust stacks and cooling towers will appear slightly taller and wider than the existing stacks and cooling towers. Due to the form and line of the proposed structures which mask the ancillary facilities of the power

plant, the proposed new cooling towers and exhaust stacks would cause Low contrast with the existing structures.

Contrast with Vegetation. Vegetation in this view consists of scattered trees surrounding the property line. The proposed structures would only add incrementally to the contrast with vegetation caused by the existing structures. Therefore the contrast with vegetation is considered Low.

Contrast with Land and Water. The existing structures contrast with the flat, open beaches and waterways surrounding the plant. The proposed structures would only add incrementally to the contrast with the surrounding land caused by the existing structures. Therefore, the contrast with land and water would be Low.

Scale/Spatial Dominance. The scale dominance of the proposed structures would be insignificant because their height appears similar to the existing structures. The spatial dominance of the proposed structures would be insignificant in relation to the composition of the view because they are similar to the shape and size of the existing structures. Therefore, the Scale/Spatial Dominance value for the project is Insignificant.

View Blockage. The severity of the view blockage is considered Low due to the proposed stacks and heat recovery steam generators masking many unsightly appurtenances of the existing power plant. The proposed structures are also in similar locations to the existing structures.

Visual Impact Severity. The overall impact severity of the proposed structures in this view is considered Low due to the presence of the existing structures. Additionally, due to the color and material used, visual impacts due to glare will be negligible. The equipment that will be implemented will not have a greater effect than existing structures due to the lack of reflective materials (glass, polished metallic surfaces, etc.). Therefore, no significant visual impacts are expected from this view if the proposed structures are added to the existing power plant.

KOP	Contrast w/ Existing Structures	Contrast w/ Existing vegetation	Contrast w/ Land & Water	Scale Dominance	Spatial Dominance	View Blockage	Overall Visual Impact Severity
KOP 7	Low	Low	Low	Insignificant	Insignificant	Low	Low

RBF CONSULTING

MARCH 2001 8086

EXISTING VIEW FROM KOP 7

Figure 5.13-10a

RBF CONSULTING
MARCH 2001 8086

SIMULATED VIEW FROM KOP 7

Figure 5.13-10b

RBF CONSULTING

MARCH 2001 8086

SIMULATED VIEW FROM KOP 2
after Project Construction

Figure 5.13-5b

RBF CONSULTING
MARCH 2001 8086

SIMULATED VIEW FROM KOP 7

Figure 5.13-10b