

Dynegy South Bay, LLC
NPDES Permit No. CA0001368
Submittal of Evidence – February 22, 2010

Index of Attachments

Attachment	Description
1	Photographs of SBPP intake and discharge channels and vicinity (current)
2	Photographs of construction of circulating water discharge pipe (circa 1960)
3	SBPP Facility Map and aerial photo showing storm water drainages into south San Diego Bay (from SBPP Storm Water Pollution Prevention Plan) (April 2009)
4	Curriculum Vitae, David L. Mayer, Ph.D., President, Tenera Environmental Inc.
5	Technical Memorandum: Assessment of the 2009 Flow Reduction of South Bay Power Plant Intake and Discharge Effects, Tenera Environmental Inc. (February 20, 2010)
6	SBPP Cooling Water System Effects on San Diego Bay Volume I: Compliance with Section 316(a) of the Clean Water Act for the South Bay Power Plant, Tenera Environmental and Merkel & Associates (August 12, 2004) (cover page only; document contained in Water Board files)
7	SBPP Cooling Water System Effects on San Diego Bay Volume II: Compliance with Section 316(b) of the Clean Water Act for the South Bay Power Plant, Tenera Environmental (August 12, 2004) (cover page only; document contained in Water Board files)
8	Effluent Sampling Results (graphs)
9	Final Report – Cooling Water System Copper Study, U. S. Navy (SPAWARSYNSCEN) (December 29, 1999)
10	2003 and 2007 Average Daily Output (graphs)
11	Annual Capacity Factor (2000-2009)
12	City of Coronado Resolution No. 8396 in support of Closing the South Bay Power Plant as Expeditiously as Possible (January 19, 2010)
13	Final Progress Report – Work Plan for Relocation of Thermal Discharge Limitations Compliance Point to the Property Line, Dynegy South Bay, LLC (May 7, 2007)
14	Proposed Effluent Limit for Total Residual Chlorine for the South Bay Power Plant, Applied Science Associates (July 1998)

Attachment	Description
15	Technical Rationale and Supporting Documentation for a Proposed Water Quality Objective for Dissolved Oxygen in South San Diego Bay, Applied Science Associates (February 1998)
16	Photograph showing aeration of SBPP discharge
17	316(b) Proposal for Information Collection for South Bay (San Diego) Power Plant Submitted in Compliance with 316(b) Phase II Regulatory Requirements, Tenera Environmental (November 8, 2005)
18	Verified Petition for Review and Request for Hearing filed by Duke Energy South Bay LLC (December 10, 2004)
19	Declaration of David L. Mayer in Support of Verified Petition for Review and Request for Hearing (December 10, 2004)
20	South Bay Power Plant, Cooling Water Discharge Channel Fish Community Characterization Study, April 1997 through January 2000, Final Report, Merkel & Associates, Inc. (June 2000)
21	Fisheries Inventory and Utilization of San Diego Bay, San Diego, California – Annual Report FY 1994-95, Larry G. Allen, Ph.D., Nearshore Marine Fish Research Program, Department of Biology, California State University, Northridge (August 11, 1995)
22	Final South Bay Power Plant Receiving Water Monitoring Program with Emphasis on the Benthic Invertebrate Community (1977-1994), EA Engineering, Science, and Technology (April 1995)
23	Habitat Requirements and Seasonal Patterns of Distribution and Abundance for Fishes of Inner San Diego Bay, Richard F. Ford, Ph.D., San Diego State University (June 1994)
24	Avifauna of South San Diego Bay: the Western Salt Works – 1993-1994, Coastal Ecosystem Program, U.S. Fish and Wildlife Service, Carlsbad, California (1994)
25	Colonial Seabirds and the Western Snowy Plover Nesting in South San Diego Bay 1993, Bay and Estuary Program, U.S. Fish and Wildlife Service, Carlsbad, California (1993)
26	Thermal Distribution and Biological Studies for the South Bay Power Plant – Final Report, Volume 1, Summary and Conclusions, Pioneer Service & Engineering Co. (May 1973)
27	Testimony of Dr. Jeffrey Seminoff, Director, Marine Turtles Research Program, U.S. National Marine Fishery Service (from Water Board hearing transcript, December 16, 2009)

Attachment	Description
28	A Review of the Green Turtles of South San Diego Bay in Relation to the Operations of the SDG&E South Bay Power Plant, Merkel & Associates, Inc. (January 17, 1995)
29	Status of Sea Turtles in San Diego Bay 1989-1990 Final Report, Sea World Research Institute Technical Report #90-225, Peter Dutton and Donna McDonald, Sea World Research Institute, San Diego, CA (June 30, 1990)
30	Testimony of Kenneth Andrecht (Retired Engineer, Port of San Diego) (from Water Board hearing transcript, December 16, 2009)
31	Summary of March 10, 2010 testimony of Kenneth Andrecht (re eelgrass in South San Diego Bay)
32	Biological Reconnaissance and Sediment Chemistry Study, Chula Vista Small Boat Basin, February 15, 1975, UPD #EM74/1.1
33	Eelgrass Transplanting at Chula Vista Wildlife Reserve, Specification #87-37, San Diego Unified Port District
34	Development of a Coastal Salt Marsh in South San Diego Bay, Andrecht, May 1990
35	Eelgrass Distribution Mapping and Vegetation Survey Bayward of the North Dike, Chula Vista Wildlife Reserve, July 1994, MBC Applied Environmental Sciences
36	Eelgrass Survey of the North Dike of the Chula Vista Wildlife Reserve, May 25, 1995, Merkel & Associates, Inc.
37	Eelgrass Distribution, Chula Vista Wildlife Reserve, San Diego Bay, California, May 1996, Merkel & Associates, Inc.