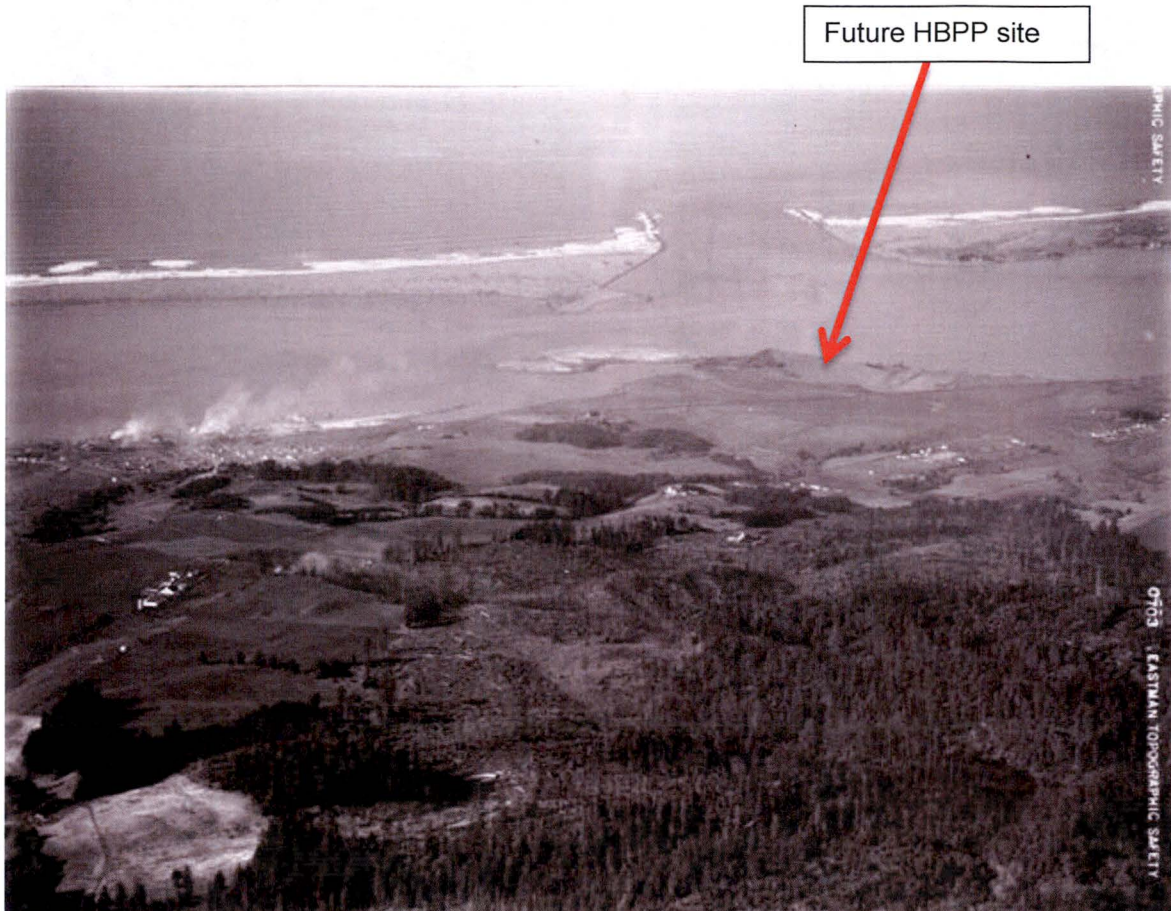


Attachment A
Site History of
Humboldt Bay Power Plant Unit 3

Rev. 0

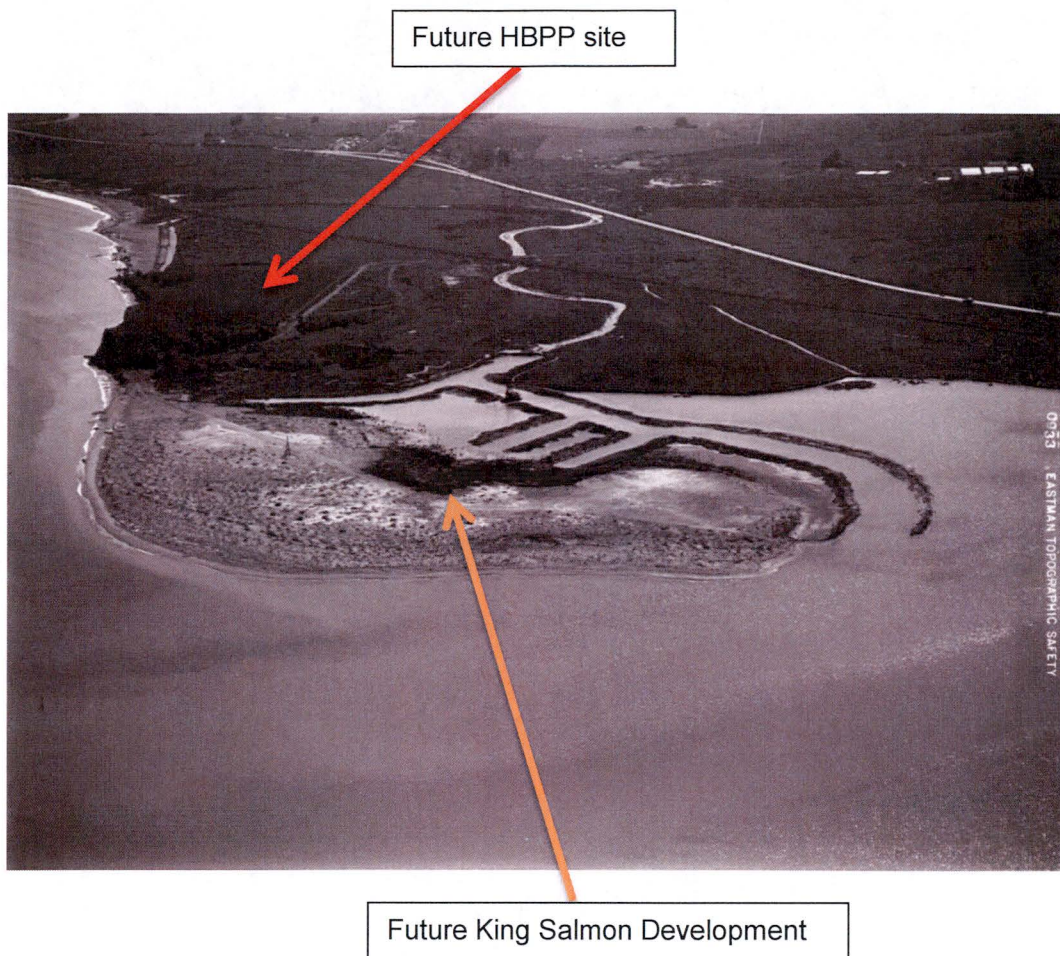
A photographic record of the Humboldt Bay Power Plant site and surrounding area has been compiled by PG&E to show the evolution of construction and demolition at the facility. The first available photograph is from about 1940 and shows the bay and the point upon which the site would ultimately be developed.



Attachment A
Site History of
Humboldt Bay Power Plant Unit 3

Rev. 0

In the late 1940s, the area that would become known as King Salmon was starting to take shape.



Attachment A
Site History of
Humboldt Bay Power Plant Unit 3

Rev. 0

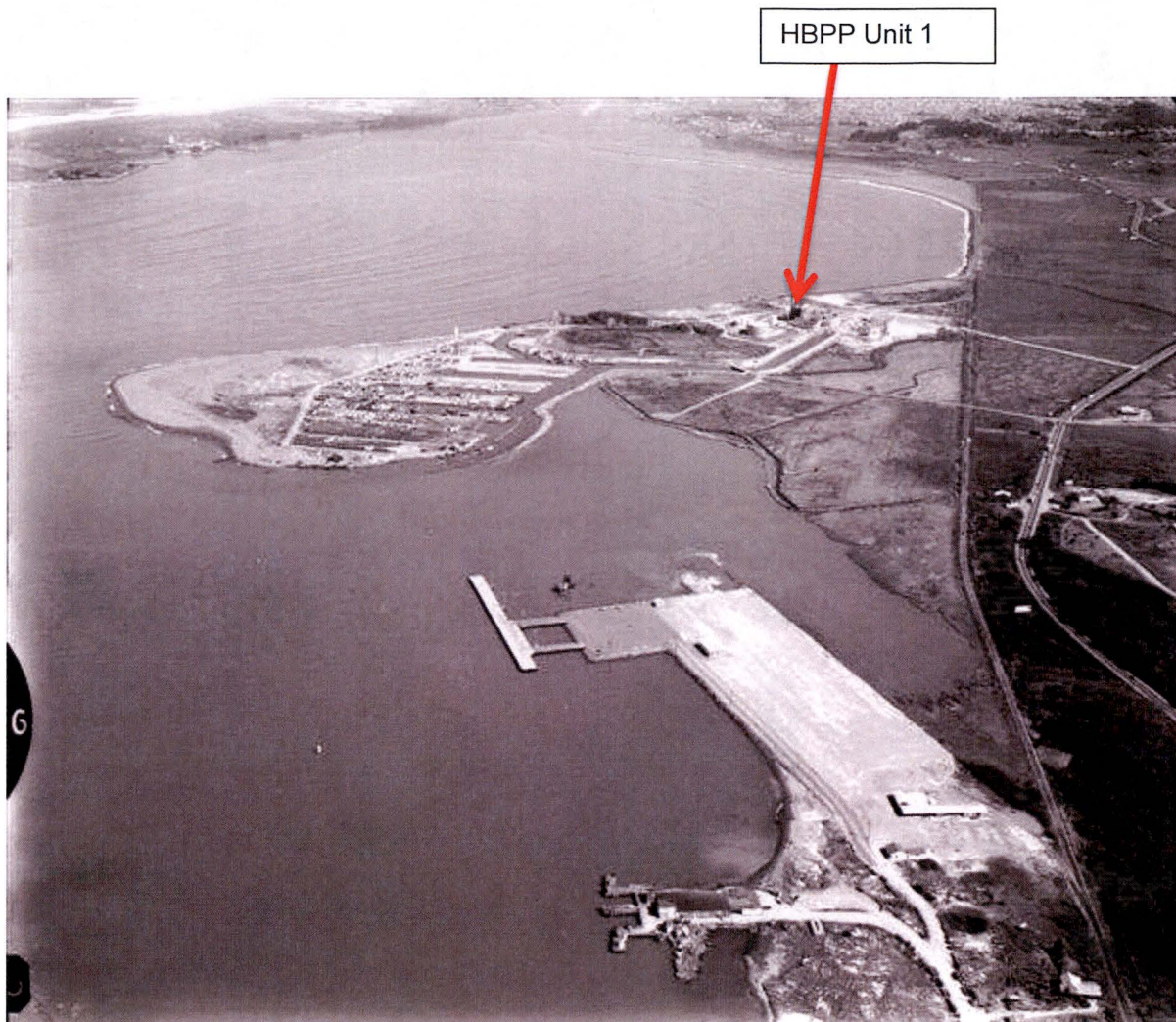
A construction site for HBPP Unit 1 was established in the late 1940s.



Attachment A
Site History of
Humboldt Bay Power Plant Unit 3

Rev. 0

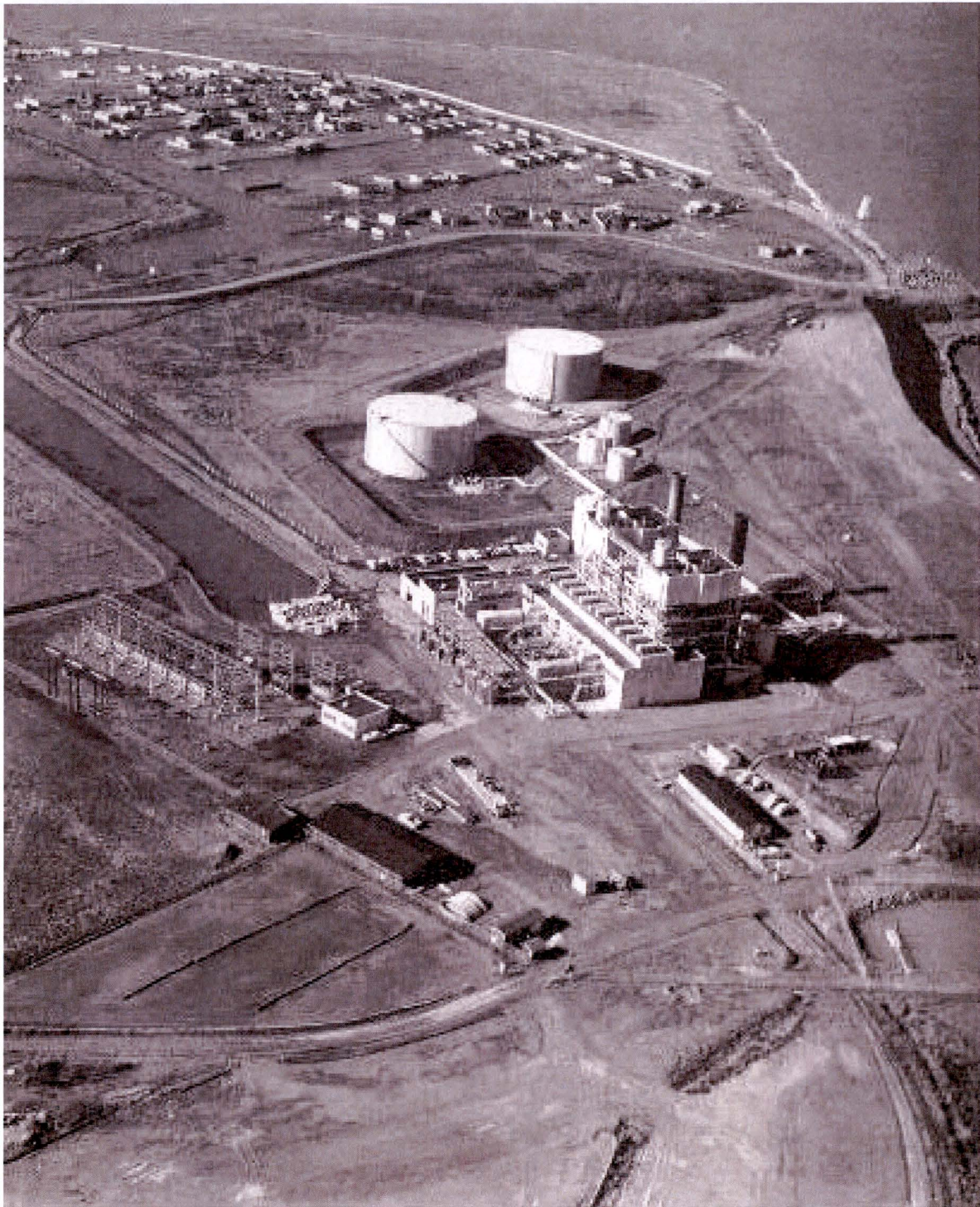
HBPP Unit 1 was completed in the early 1950s and construction of Unit 2 was underway. The photograph also shows the progress of the King Salmon development.



Attachment A
Site History of
Humboldt Bay Power Plant Unit 3

Rev. 0

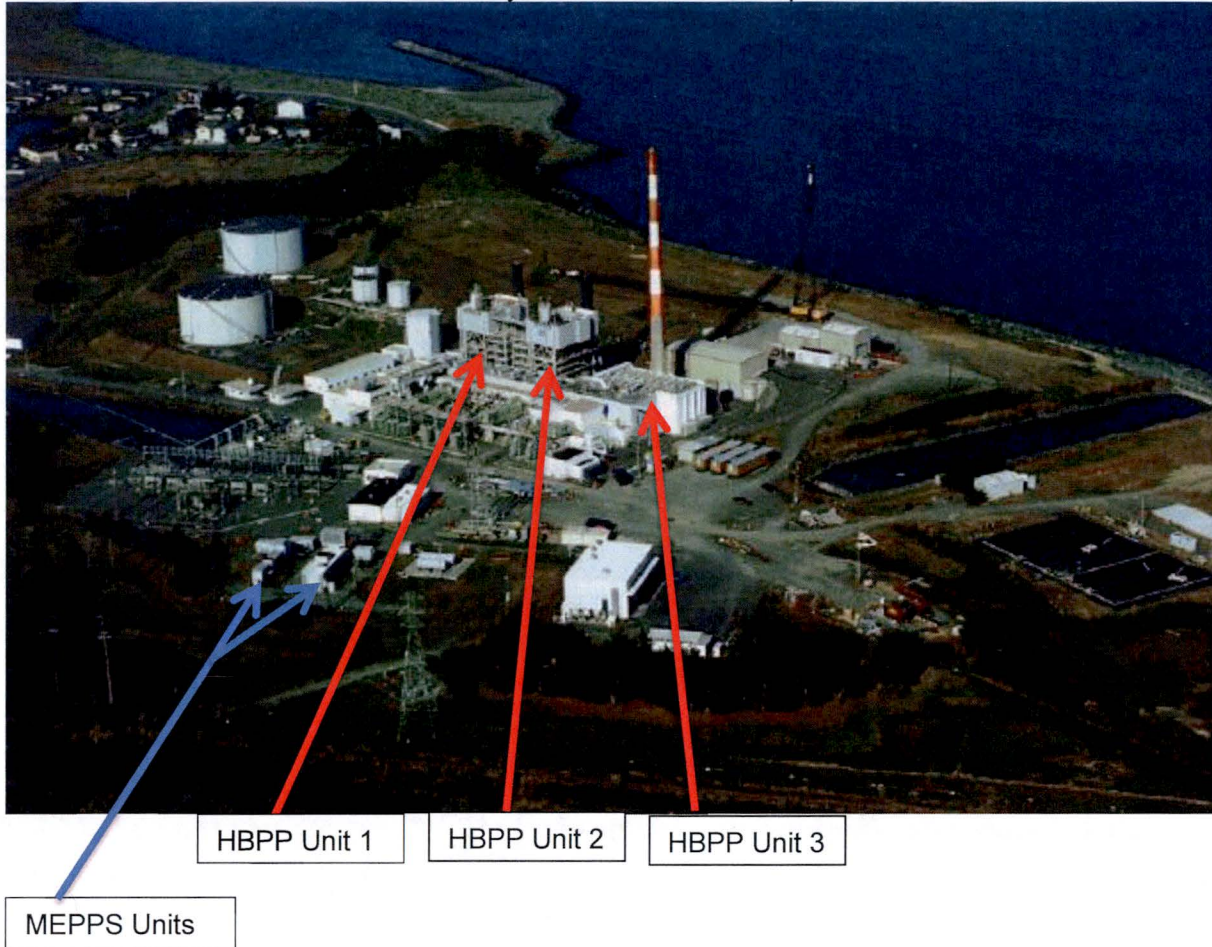
By the mid-1950s, both of the fossil units were operational and the King Salmon development was established.



Attachment A
Site History of
Humboldt Bay Power Plant Unit 3

Rev. 0

HBPP Unit 3 was constructed in the early 1960s and became operational in 1963.

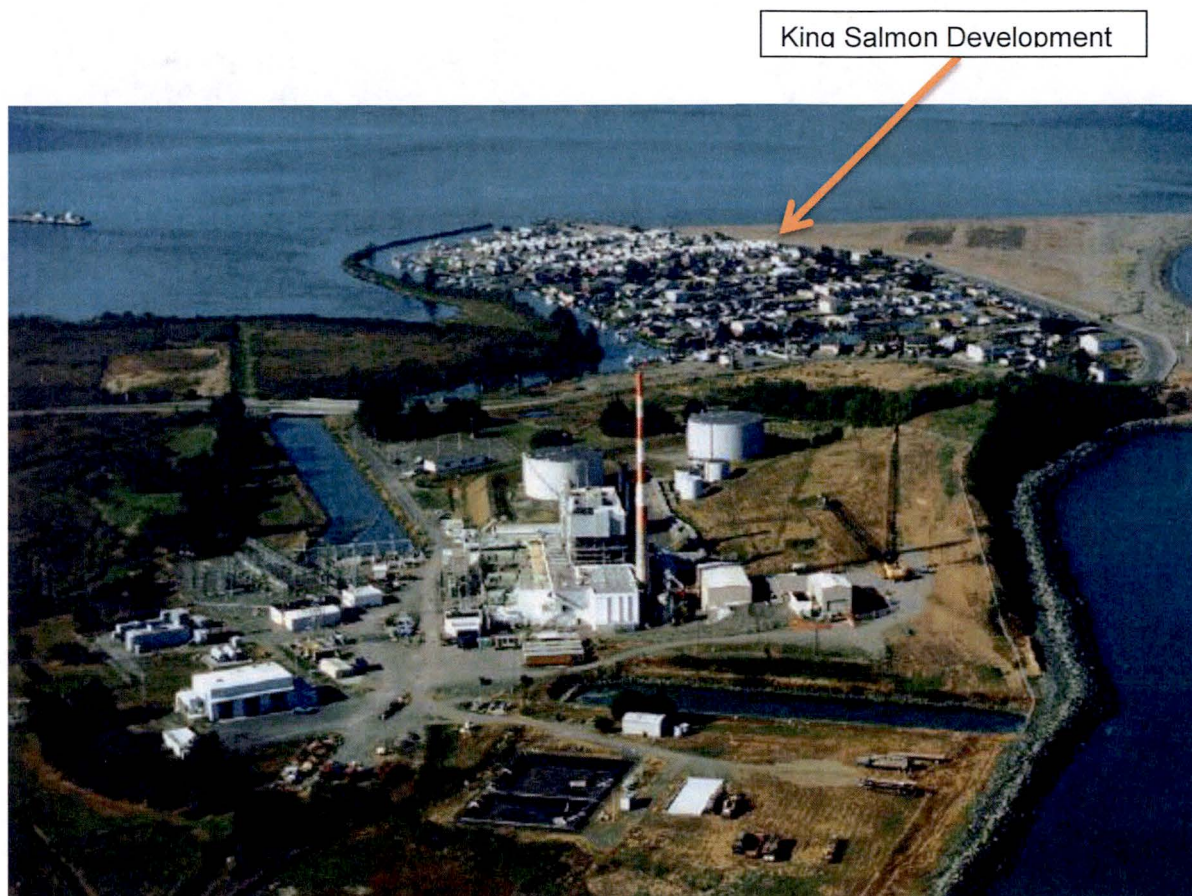


Also installed were two Mobile Emergency Power Production Systems (MEPPS) that were used to supplement the grid during peak loads and in the event of an unexpected plant outage.

Attachment A
Site History of
Humboldt Bay Power Plant Unit 3

Rev. 0

In the same time frame as completion of HBPP Unit 3, the King Salmon area was nearly fully developed.



Attachment A
Site History of
Humboldt Bay Power Plant Unit 3

Rev. 0

HBPP Unit 3 shut down for a refueling outage for the last time in 1976. In consultation with the NRC, PG&E later removed the HBPP Unit 3 ventilation stack (the Stack) to mitigate seismic risk posed to fuel stored in wet fuel storage by the Stack.

Vent Stack HBPP Unit 3
Removed



Attachment A
Site History of
Humboldt Bay Power Plant Unit 3

Rev. 0

In the early 2000s, the site for the future Independent Spent Fuel Storage Installation (ISFSI) was selected.

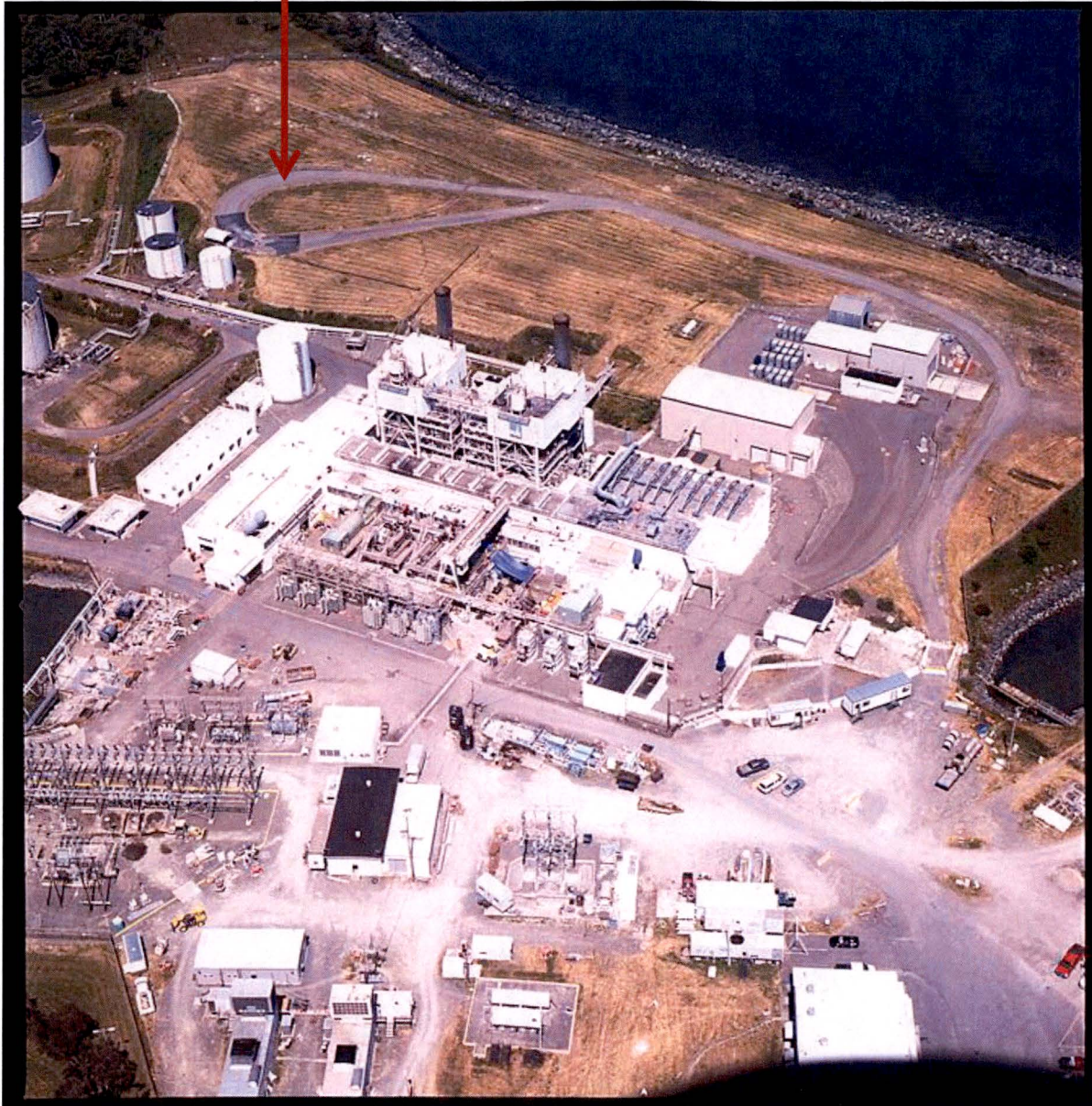
Location of the future HBPP
Unit 3 ISFSI



Attachment A
Site History of
Humboldt Bay Power Plant Unit 3

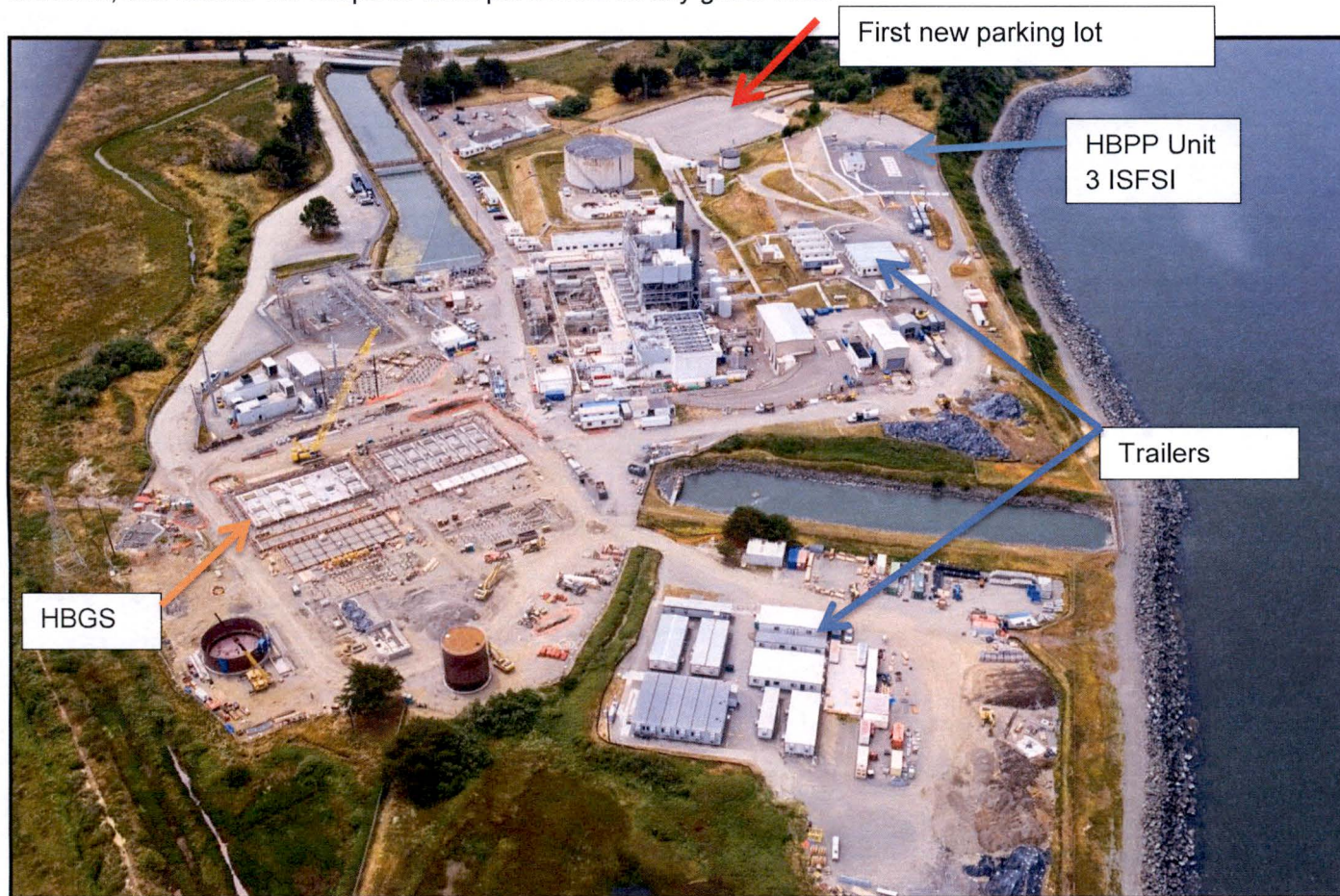
Rev. 0

Infrastructure (road) was constructed to facilitate HBPP Unit 3 ISFSI construction and other site decommissioning needs.



The ISFSI was completed in 2008. In preparation for the shutdown and decommissioning of the fossil units (including the two MEPPS Units), construction of a new Humboldt Bay Generating Station (HBGS) was undertaken in 2009. Additional infrastructure, in the form of trailers, was needed to support construction as the planning effort for both fossil and nuclear decommissioning. To accommodate the increased number of personnel at the site, one fuel oil tank was removed and a parking lot constructed.

Note: The site is extremely congested with facilities and office trailers. This condition caused significant interferences between adjacent activities, and limited the scope of work performed at any given time.





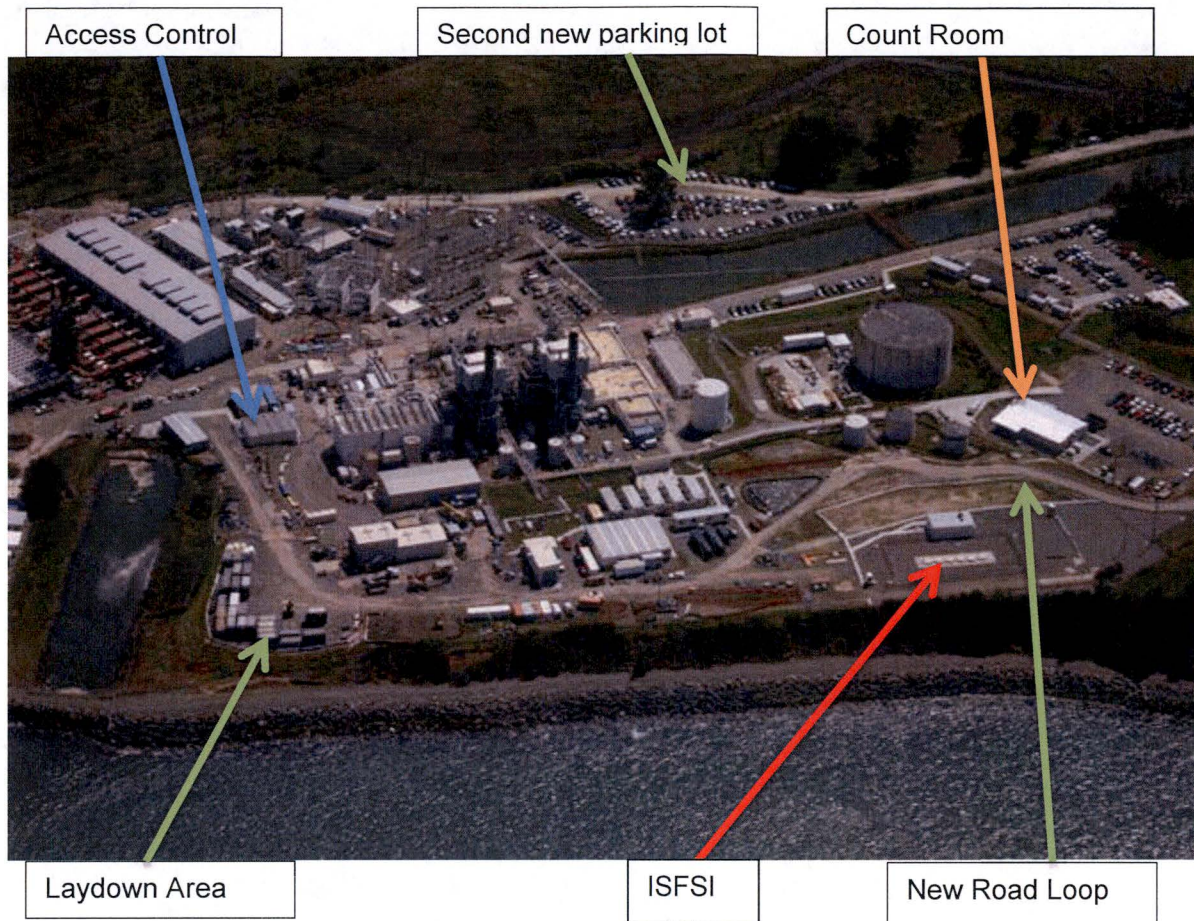
HBGS construction took approximately two years. Concurrent development of HBGS and HBPP decommissioning activities significantly reduced usable space and complicated coordination of development and decommissioning activities.



Attachment A
Site History of
Humboldt Bay Power Plant Unit 3

Rev. 0

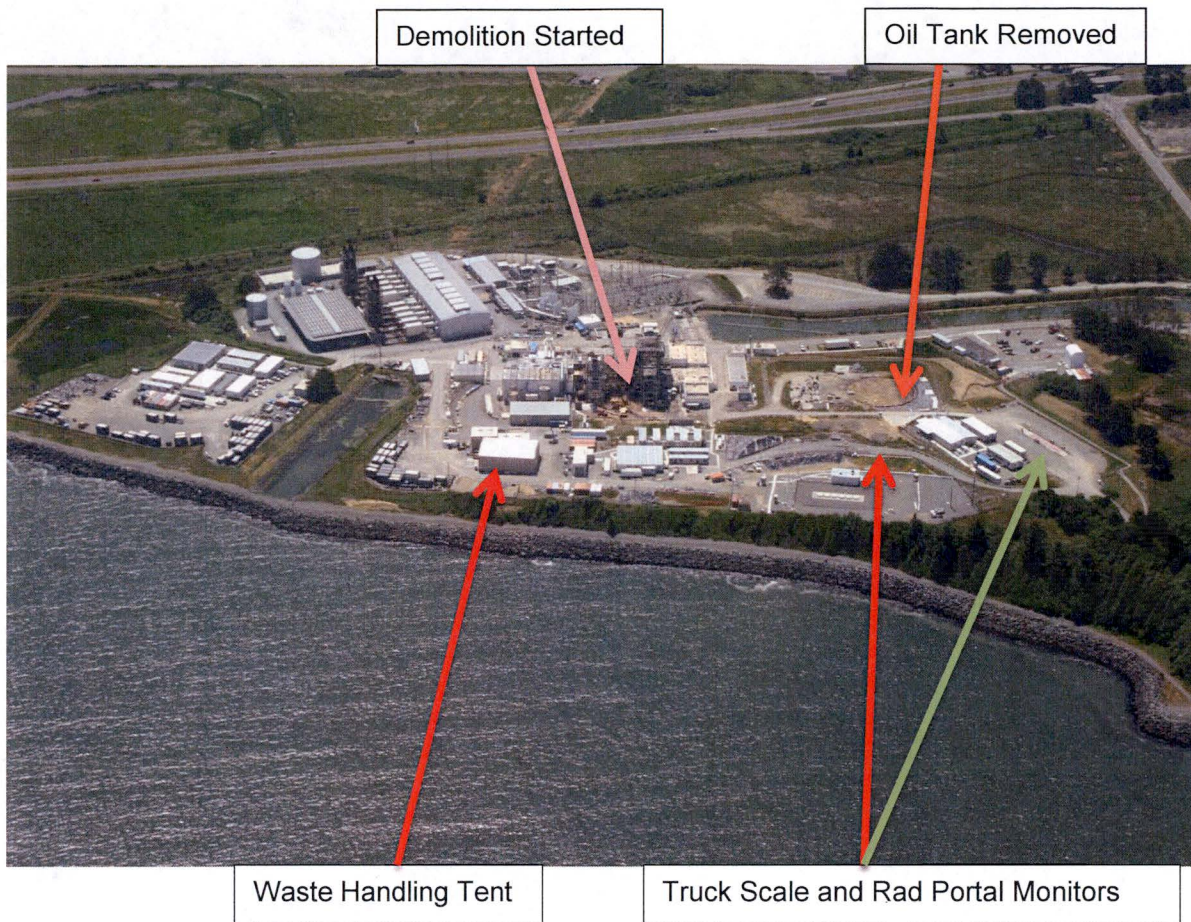
While construction of the HBGS was ongoing, the planning and initial decommissioning phases were started on Unit 3. The initial phases included construction of the additional infrastructure needed to support decommissioning (i.e., count room) and relocating the spent nuclear fuel to the ISFSI.



Major capital improvements were required to support decommissioning work such as a new count room, access control, laydown areas, office trailers, parking, roads, and utilities. Once the new HBGS became operational, the old HBPP fossil units 1 and 2 were shut down and their decommissioning commenced immediately along with removal of the last large oil tank, meanwhile decommissioning of Unit 3 continued. Site congestion continued to cause interferences that limited decommissioning progress. Additional improvements were also needed, such as a waste handling tent, a truck scale, and two radiation portal monitors.

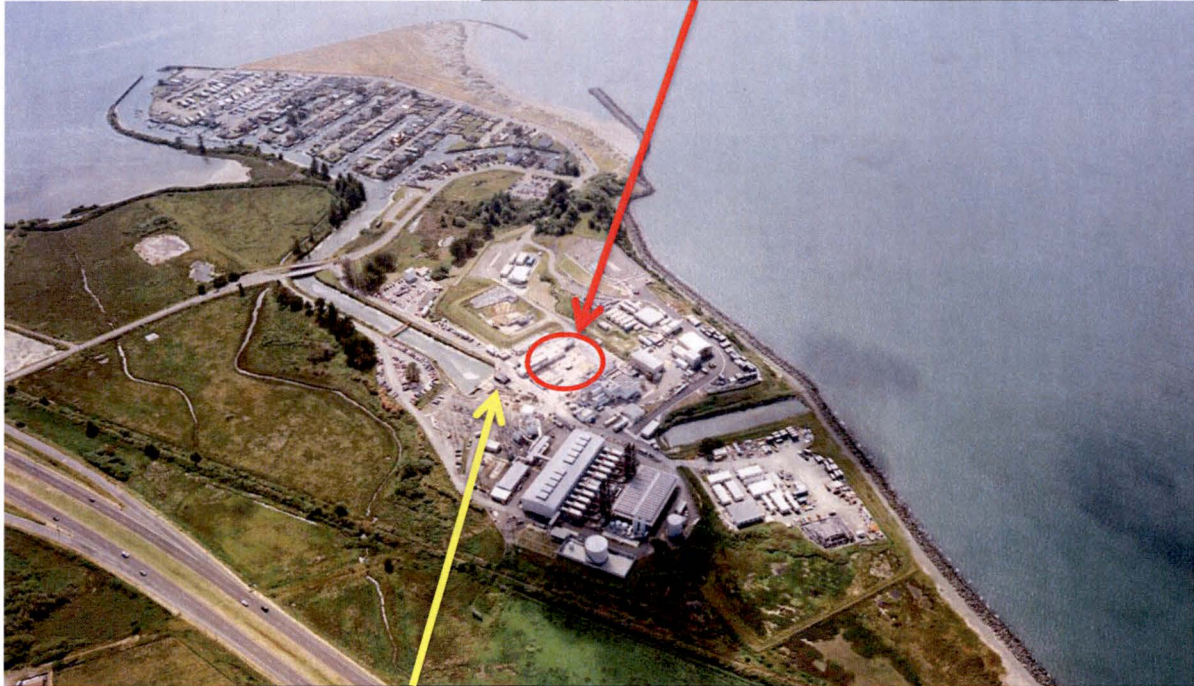
Attachment A
Site History of
Humboldt Bay Power Plant Unit 3

Rev. 0



Demolition of HBPP Units 1 and 2 above ground structures was completed in 2011.

HBPP Units 1 and 2 Demolition Complete



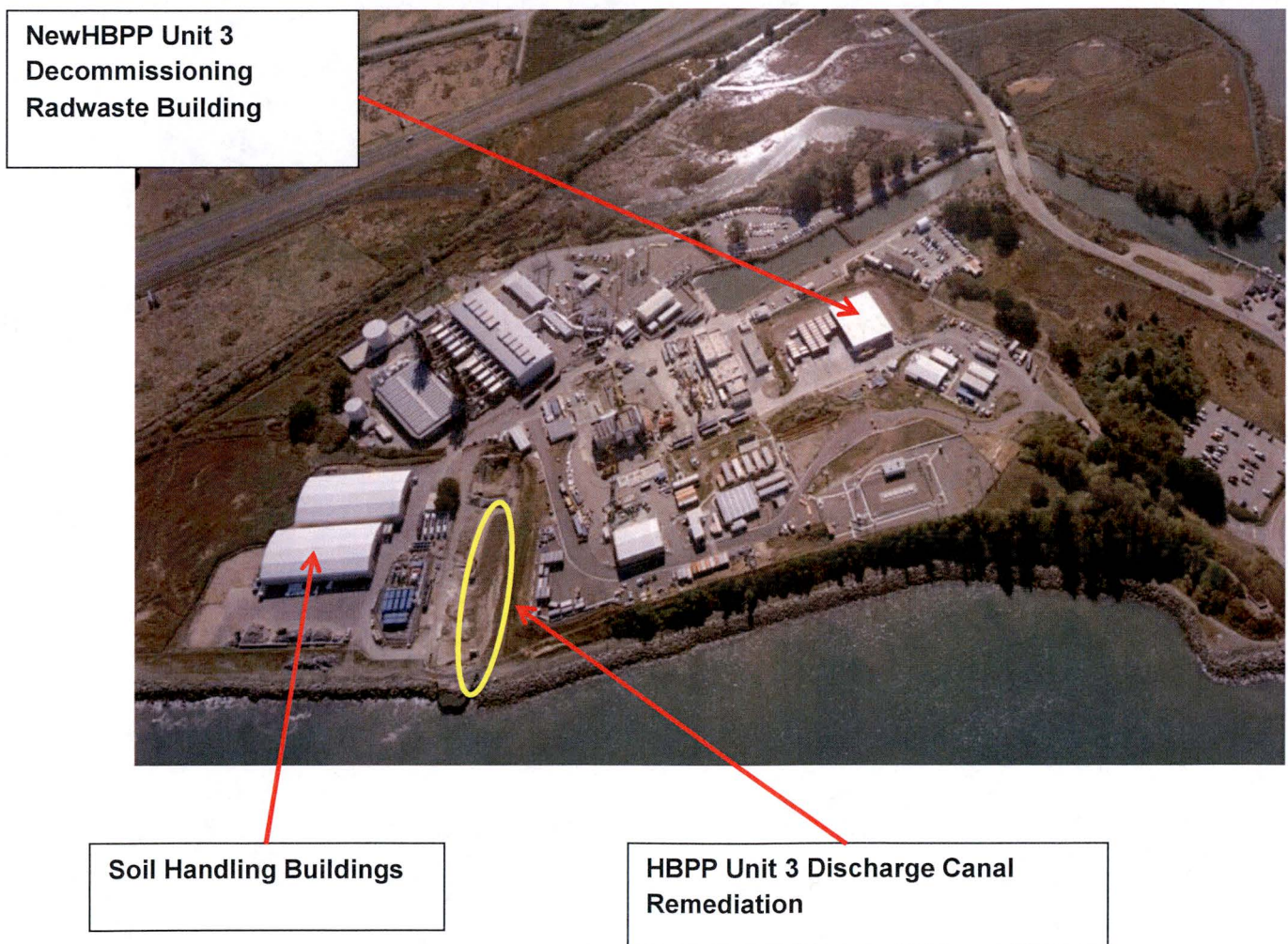
60 Kv Substation Upgrade Project

The completion of HBPP Units 1 and 2 demolition made room for staging demolition of the HBPP Unit 3 Turbine Building. However, decommissioning space was soon reduced due to the 60 Kv substation upgrade project that began in 2012, continuing the challenge of coordinating interferences with decommissioning activities.

In 2014, a new, temporary radwaste handling facility was constructed to package, store, survey and prepare waste for shipment off site. The Radwaste Handling Facility expanded the capacity to handle a higher volume of waste anticipated for decommissioning.

The Radiation Protection Staff were moved from the trailers in the northeast corner of the site to a more centralized location. The trailers were removed in preparation for constructing two soil storage and handling buildings.

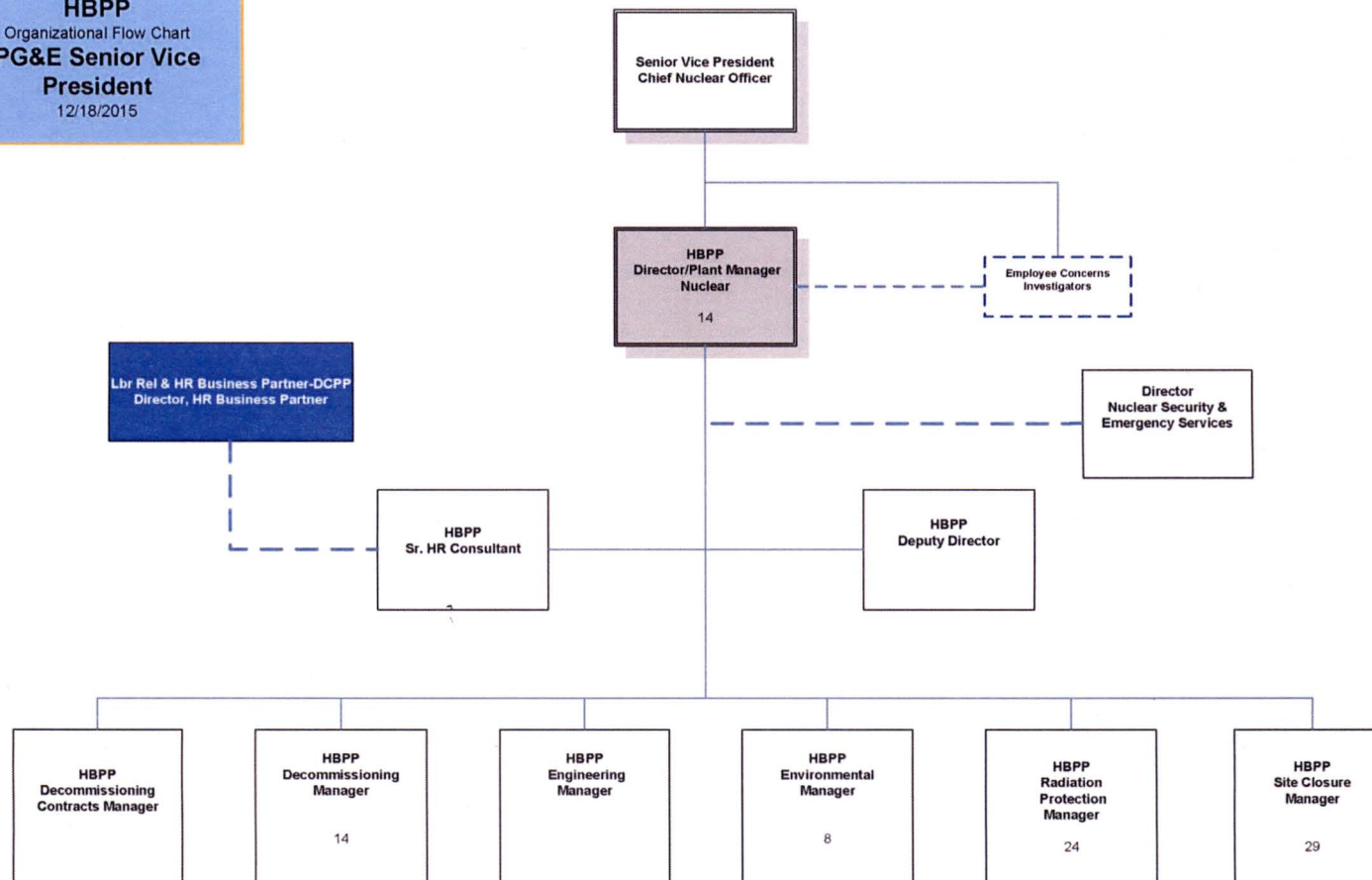
In 2015, two soil handling buildings were constructed to facilitate further soil remediation and soil disposal activities associated with HBPP Unit 3 decommissioning. The discharge canal was dammed, drained, and soil remediation commenced



Attachment B
Organization Chart
PG&E Senior Vice President

Rev. 0

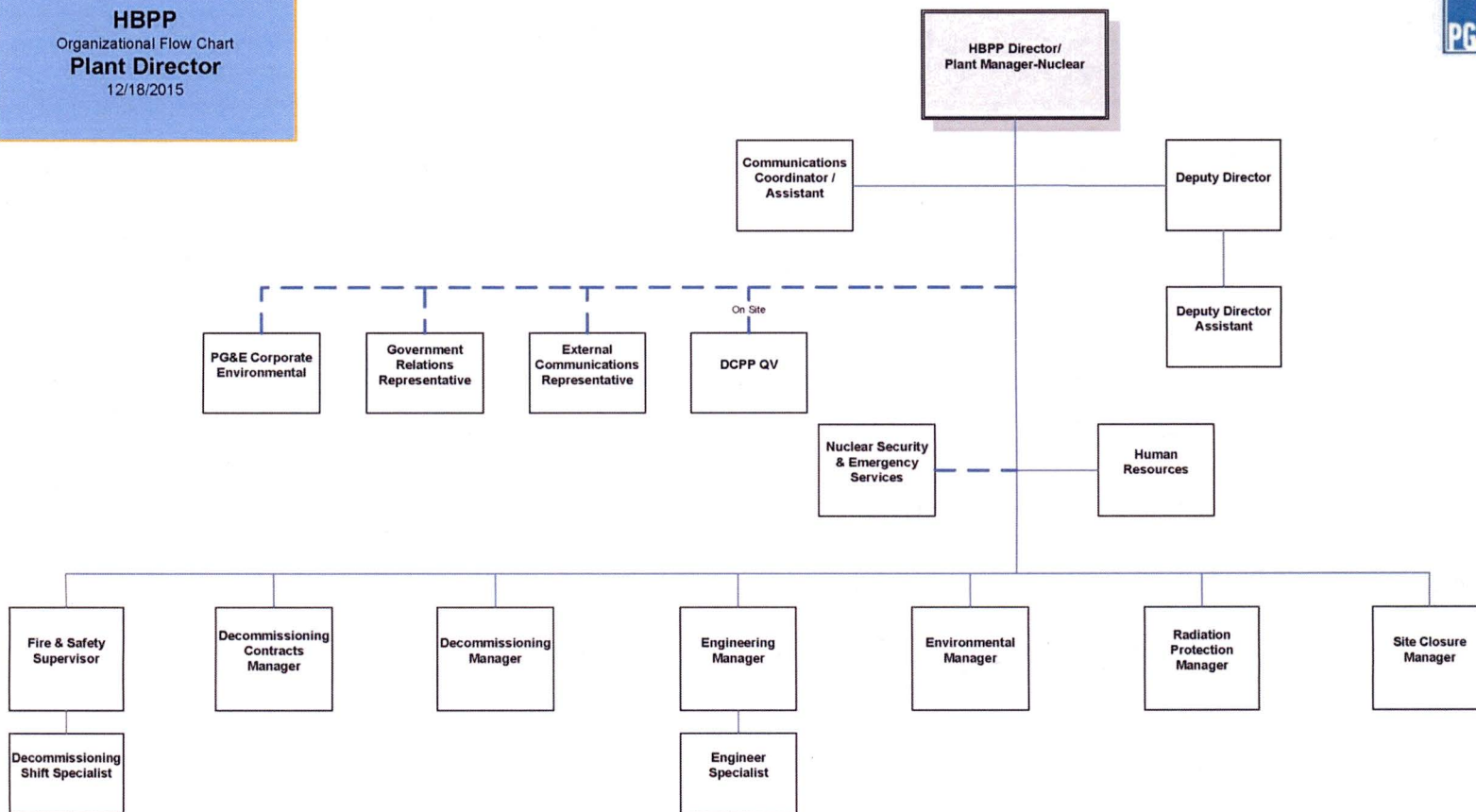
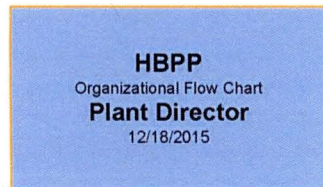
HBPP
Organizational Flow Chart
PG&E Senior Vice President
12/18/2015



Total
89

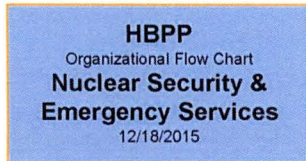
Attachment C
Organization Chart
HBPP Plant Director

Rev. 0

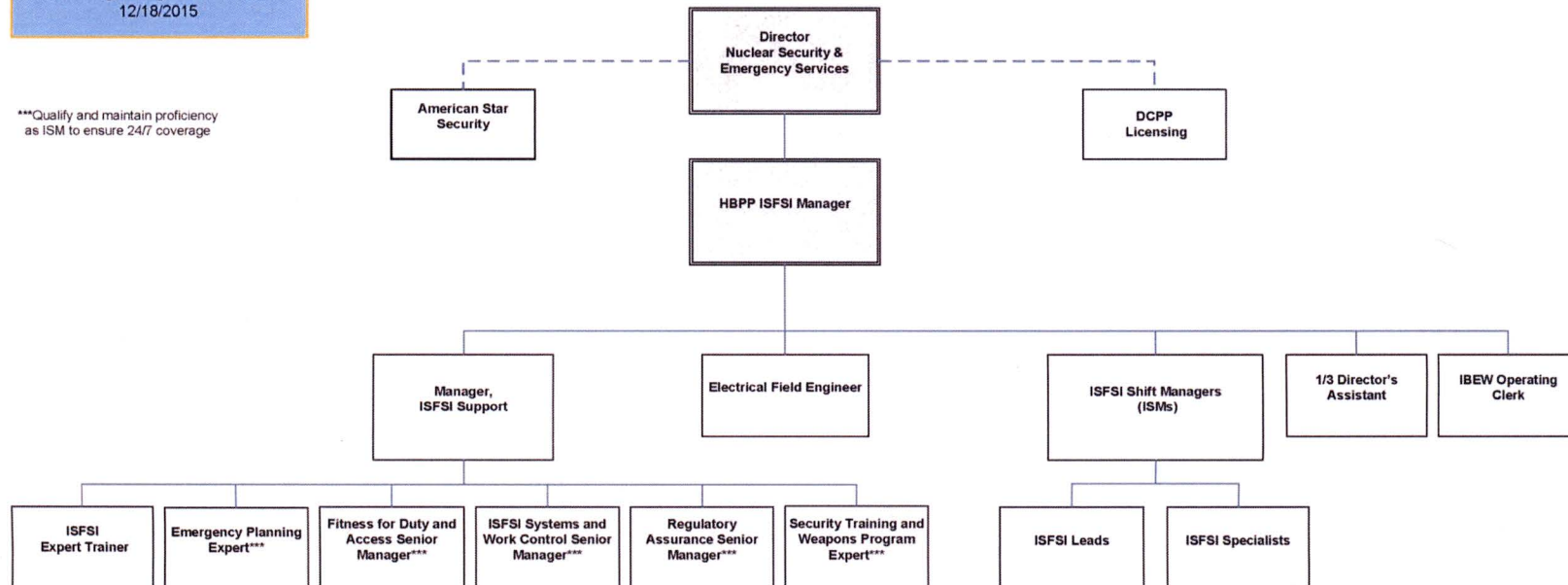


Attachment D
Organization Chart
Site Services / Training

Rev. 0

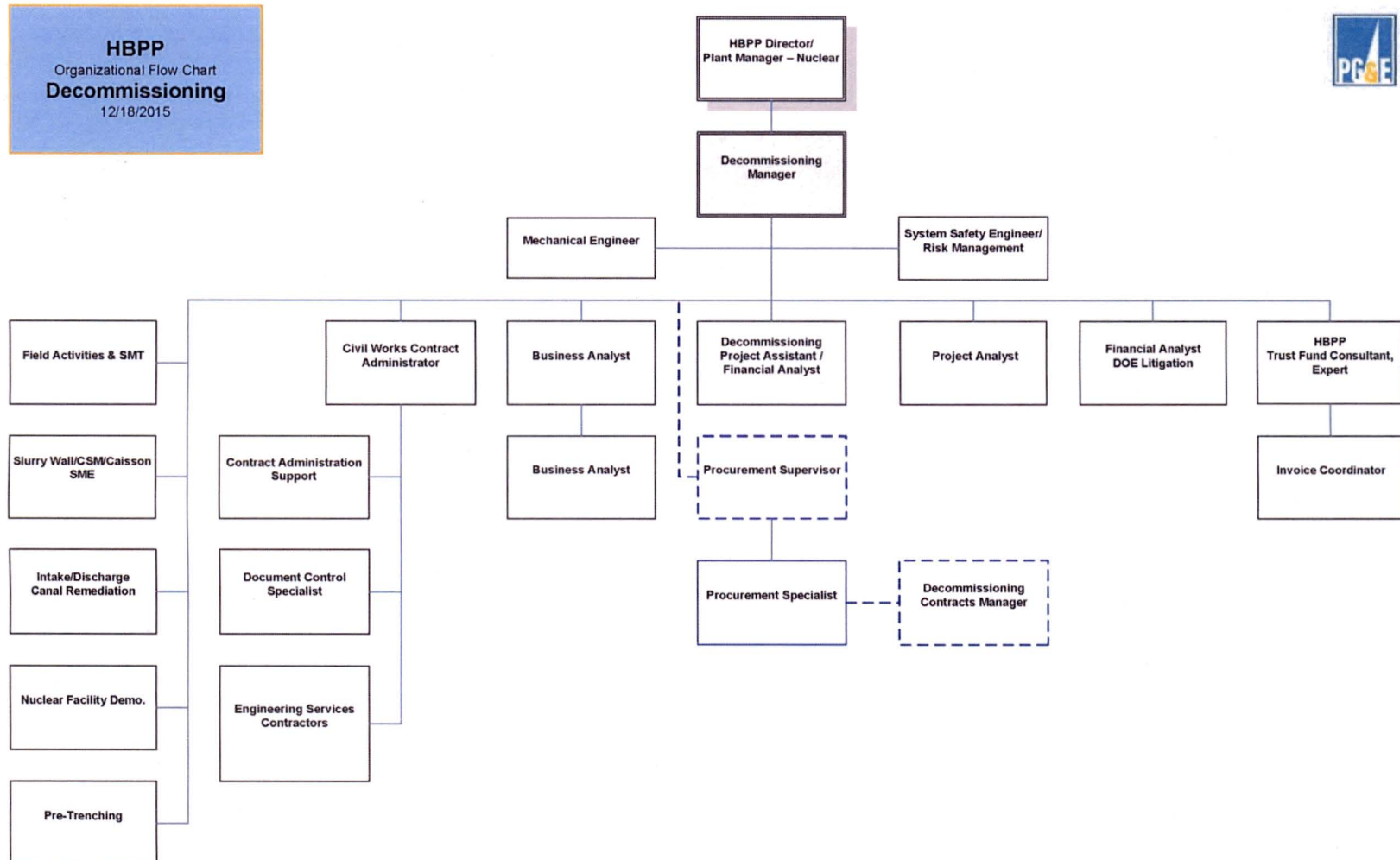


***Qualify and maintain proficiency
as ISM to ensure 24/7 coverage



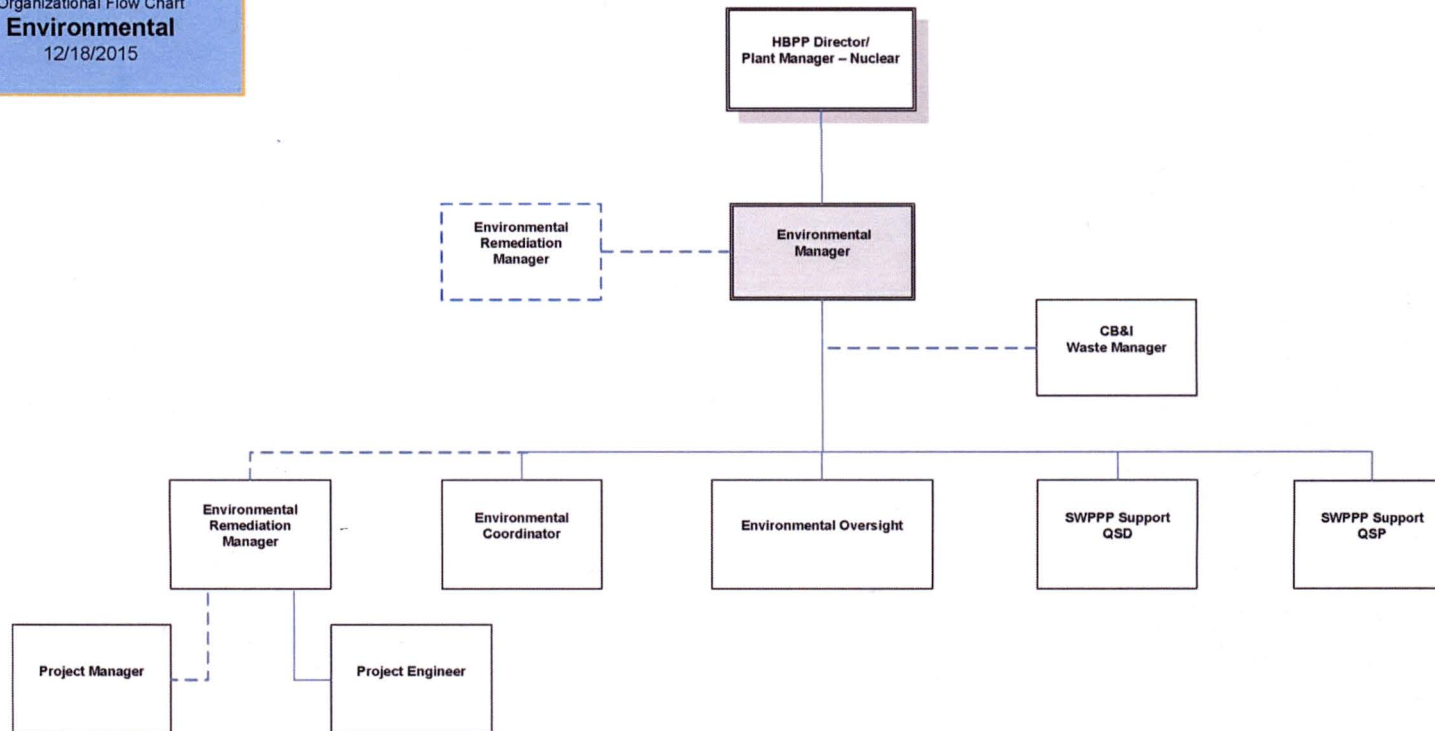
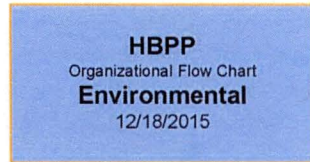
Attachment E
Organization Chart
Decommissioning

Rev. 0



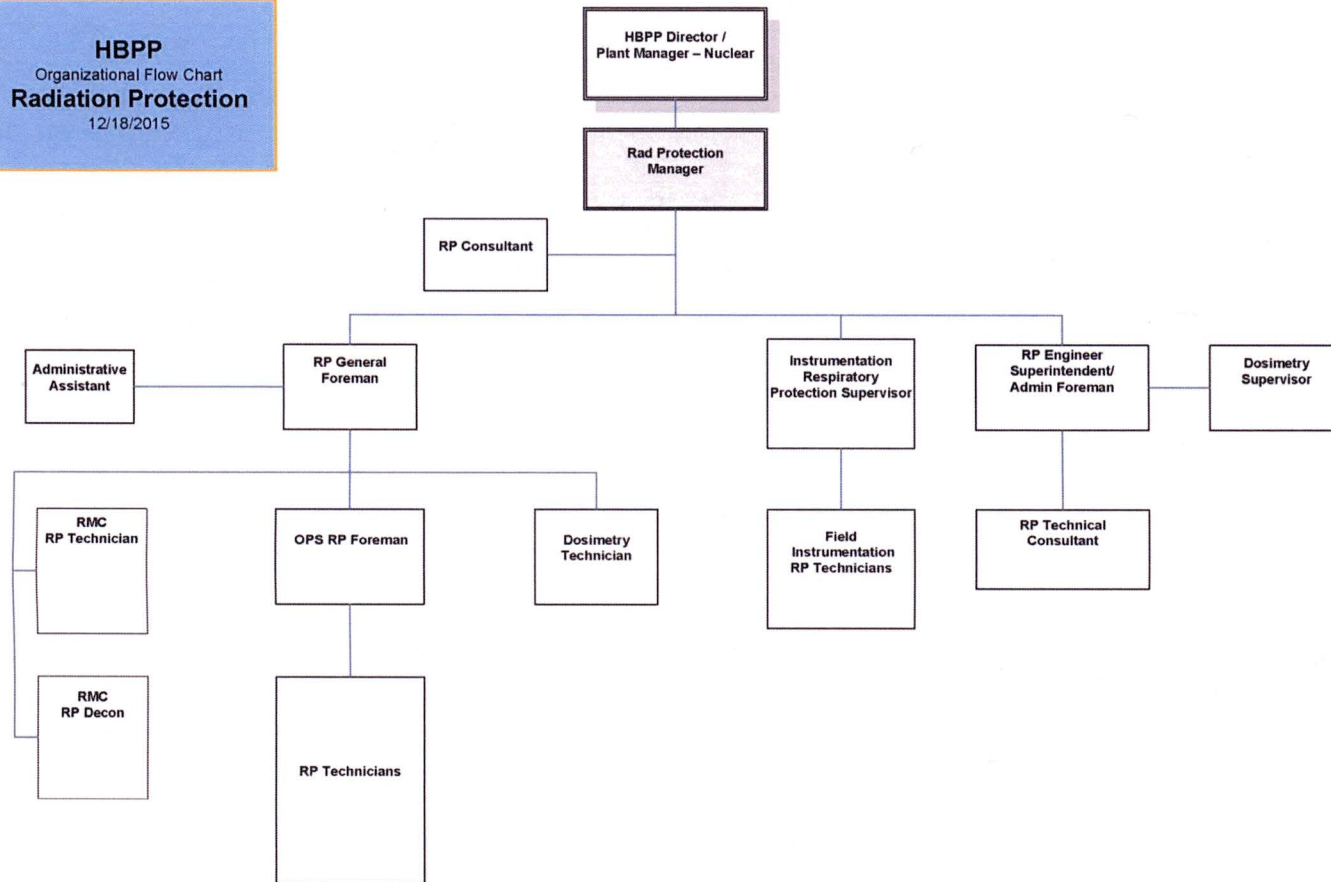
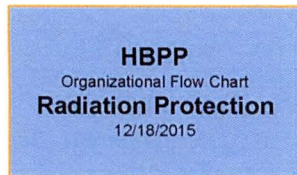
Attachment F
Organization Chart
Environmental

Rev. 0



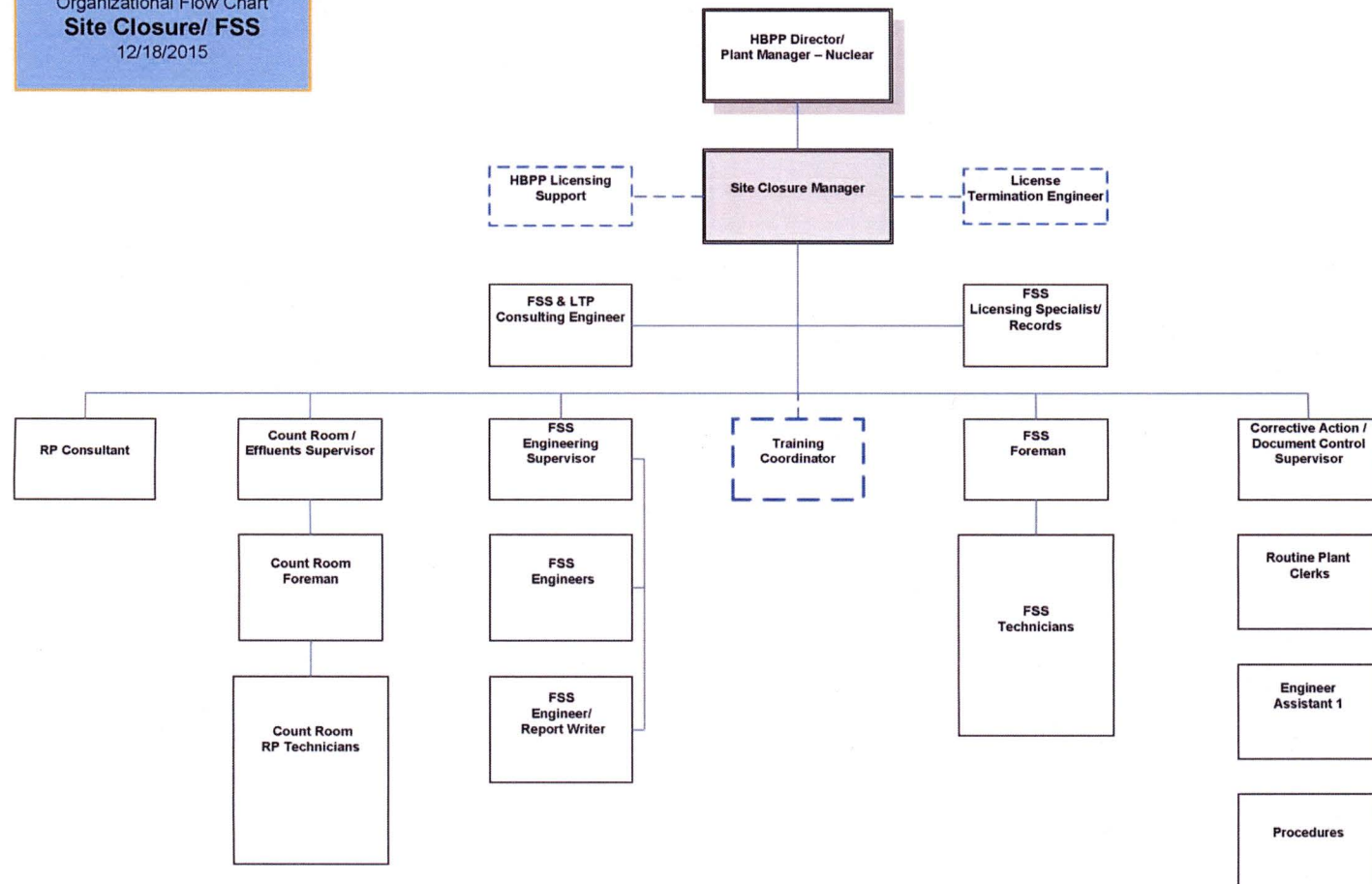
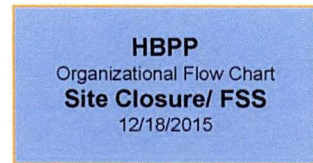
Attachment G
Organization Chart
Radiation Protection

Rev. 0



Attachment H
Organization Chart
Site Closure / FSS

Rev. 0



Attachment I
Organization Chart
Civil Works Interface

Rev. 0

