Ealdwin Energy Complex Cooling Pond Weekly Inspection Form

Dam Location: Baldwin Energy Complex; Randolph County

Owner: Dynegy Midwest Generation. LLC

133

EC

CH:

\<u>1</u>

1 Not applicable to this dam

Not inspected - that the reason for non inspection)

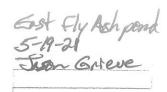
Permit No.: <u>DS2011079</u>	Class of Dam: I	mermenale class i
Type of Dam: Earthen emban	kment	
Type of Spillway: Concrete sp	oillway	
Date Inspected:	-21	
Weather Conditions:St	very wind	y
Pool Elevation:		
Inspection Personnel:		
Jason Grieve Jah Name l'Title	tech	Signature Sheeve
Inspection Item	Conditions	Location of Problem and Recommended Remedial Measures and Implementation Schedule
Verticaland Horizontal Alignment of Crest	imm	west lake by river pumps holes/ruts need
Unusual Movement or Cracking at or Beyond Toe	NE	1 TOCK
Seepage	NE	
Vegetative Cover	mm	needs mound after gastings grow
Embankment Erosion	NE	, , ,
Structural Cracking	NE	
Outfall Structures	0-	
Other	60	
Other		
onditionCodes:		
E No evidence of a problem.		
C - Good condition		
1 \	and or repairs within the ye	ar, the safety or integrity of the item is not yet imperiled

1 - I frem needing immediate maintenance to restore or ensure its safety or integrity. Remediation should be completed within one month

Condition requires regular observation to ensure that the condition does not become worse

| Emergency condition which if not immediately repaired or other appropriate measure; taken could lead to failure of the day. Emergence

measures to be implemented as instructed by engineering such as prolific down or stoppage of downwearn and and material





	Item	Condition	Comments
	Vertical & Horizontal Alignment of Crest	NH	not insperted too wex
	Riprap		
	Seepage		
	Erosion		
	Filter and Filter Drains	AN	
	Unusual Movement or Cracking At or Beyond Toe		
=	Surface Cracks		
Embankment	Sloughing or Erosion of Outer Embankment Slopes		
Embai	Sloughing or Erosion of Inner Embankment Slopes		
	Upstream Face Slope Protection (HDPE Liner)	NA	
	Upstream Face Slope Protection (Riprap)		
	Animal Damage		
	HDPE Liner	NA	
	Vegetative Cover		
	Condition of Piezometers		
	Embankment Drainage Ditches		<i>y</i>

EC = Emergency Condition. A serious dam safety condition exists that needs immediate action	. Report immediately to Chief Dam Safety Engineer and immediate supervisor
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NI = Not Inspected. Reason should be stated in comment.

Impoundment East Fly Ash Pond

M = Item needing immediate maintenance to restore or ensure its safety or integrity. Remediation should be completed within 1 month.

MM = Item needing minor maintenance. The safety or integrity of the item is not yet imperiled.

DB = Condition requires regular observation to ensure that the condition does not become worse.

³C = Good Condition.

NE = No evidence of a problem.

	Drains Aveap:	N/	to not	
	Discharge coloration	NII		
	Seepage			
	Alignment			
Spillway	Bridge and Piers	NA		
S	Fencing	NA		
SERVICE SELECTION SERVICES	Construction Joints	NA		
Market Control of the	Trash Racks	АИ		
	Differential Settlement	АИ		
	Stop Logs	АМ		
tor	Riprap			
Energy Dissipator	Outlet Channel			
ergy D	Concrete Condition	NA		
Enc	Debris			
	Alignment	NA		
cture	Connection to Bollard	NA		
Decant Structure	Debris in Inlets	NA		
Decar	Condition of Pipe (60" culvert)	. /		
	Seepage at Inlet or Outlet	VA	V	

EC = Emergency Condition. A serious dam safety condition exists that needs immediate action. Report immediately to Chief Dam Safety Engineer and immediate supervisor

IM = Item needing immediate maintenance to restore or ensure its safety or integrity. Remediation should be completed within 1 month.

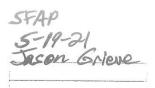
MM = Item needing minor maintenance. The safety or integrity of the item is not yet imperiled

OB = Condition requires regular observation to ensure that the condition does not become worse

GC = Good Condition

NE = No evidence of a problem.

III = Not Inspected. Reason should be stated in comment





	Item	Condition	Comments
	Vertical & Horizontal Alignment of Crest	NI	too wet
	Riprap		
	Seepage		
	Erosion		
	Filter and Filter Drains		
William Dan and Propagation Control of the Control	Unusual Movement or Cracking At or Beyond Toe		
	Surface Cracks		
Embankment	Sloughing or Erosion of Outer Embankment Slopes		
Embar	Sloughing or Erosion of Inner Embankment Slopes		
	Upstream Face Slope Protection (HDPE Liner)	NA	
	Upstream Face Slope Protection (Riprap)		
	Animal Damage		
	HDPE Liner	NA	
	Vegetative Cover		
	Condition of Piezometers		
	Embankment Drainage Ditches	V	V

EC = Emergency Condition. A serious dam safety condition exists that needs immediate action. Report immediately to Chief Dam Safety Engineer and immediate supervisor

M = Item needing immediate maintenance to restore or ensure its safety or integrity. Remediation should be completed within 1 month.

MM = Item needing minor maintenance. The safety or integrity of the item is not yet imperiled

DB = Condition requires regular observation to ensure that the condition does not become worse

GC = Good Condition.

NE = No evidence of a problem.

I = Not Inspected. Reason should be stated in comment.

Impoundment SFAP Page 1 of 3

	Drains Woopi	X	too wet
	Discharge coloration		
	Seepage		
A	Alignment	NA	
Spillway	Bridge and Piers	N/A	
S	Fencing	N/A	
	Construction Joints	NA	
	Trash Racks	NA	
	Differential Settlement	NA	
	Stop Logs	NA	
tor	Riprap		•
Energy Dissipator	Outlet Channel		
ergy D	Concrete Condition	NA	
-E	Debris		
	Alignment		
ıcture	Connection to Bollard	NA	
Decant Structure	Debris in Inlets		
Deca	Condition of Pipe	VA	
	Seepage at Inlet or Outlet	1	

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IM = Item needing immediate maintenance to restore or ensure its safety or integrity. Remediation should be completed within 1 month.

MIM = Item needing minor maintenance. The safety or integrity of the item is not yet imperiled.

DB = Condition requires regular observation to ensure that the condition does not become worse

3C = Good Condition

NE = No evidence of a problem.

VI = Not Inspected. Reason should be stated in comment

Like hole	-			
Diste	ado 1	M.U.	144	
a po vo	75	£2		
	400			

642	22	4.1.	- Per	
5.	10	21		
Jas	en	60	COMP	

	700€
Weather	-SVmny
ELCECTET	SUM

		The state of the s	
_	Item	Condition	Comments
	Vertical & Horizontal Alignment of Crest	GC	
	Riprap	6C	
	Seepage	NE	
E	Erosion	NE	
F	ilter and Filter Drains	NA	
- 11	nusual Movement or racking At or Beyond Toe	NI	Area under water
s	urface Cracks	NE	
	loughing or Erosion of uter Embankment Slopes	NE	
	oughing or Erosion of ner Embankment Slopes	NE	
	ostream Face Slope of of the control	NA	
	ostream Face Slope otection (Riprap)	CC	
Ar	imal Damage	NE	
HE	PPE Liner	NA	
Ve	getative Cover	mm	needs mowek
Со	ndition of Piezometers	NA	. * * 1
	nbankment Drainage ches	NA	

Embankment

= Emergency Condition. A serious dam safety condition exists that needs immediate action. Report immediately to Chief Dam Safety Engineer and immediate supervisor

Item needing immediate maintenance to restore or ensure its safety or integrity. Remediation should be completed within 1 month.

- = Item needing minor maintenance. The safety or integrity of the item is not yet imperiled.
- = Condition requires regular observation to ensure that the condition does not become worse.
- = Good Condition.
- No evidence of a problem.

Not Inspected. Reason should be stated in comment.

Impoundment Bottom Ash Pond

	Era neliveers	$t_{N'}$	
	Discharge coloration	NI.	No access
	Seepage	NA	
	Alignment	NA	
Spillway	Bridge and Piers	NA	
Ś	Fencing	NA	
	Construction Joints	NA	
	Trash Racks	NA	
	Differential Settlement	NA	
	Stop Logs	NA	
or	Riprap	NI	No access
Energy Dissipator	Outlet Channel	NI	No access
rgy Di	Concrete Condition	NA	
Ene	Debris	NI	No access
•	Alignment	GC	
cture	Connection to Bollard	60	
Decant Structure	Debris in Inlets	NE	
Decar	Condition of Pipe	GC	
	Seepage at Inlet or Outlet	NE	

C = Emergency Condition. A serious dam safety condition exists that needs immediate action. Report immediately to Chief Dam Safety Engineer and immediate supervisor

1 = Item needing immediate maintenance to restore or ensure its safety or integrity. Remediation should be completed within 1 month.

M = Item needing minor maintenance. The safety or integrity of the Item is not yet Imperiled.

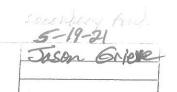
B = Condition requires regular observation to ensure that the condition does not become worse.

C = Good Condition.

E = No evidence of a problem.

I = Not Inspected. Reason should be stated in comment.

ade	F 16 C.		
Pade			
4600	Dide		
	4000	 	



	70°F
Westhic:	SUNW

-	Item	Condition	Comments
	Vertical & Horizontal Alignment of Crest	60	
	Riprap	NA	
	Seepage	NE	
	Erosion	NE	
F	Filter and Filter Drains	GC	
	Inusual Movement or Fracking At or Beyond Toe	NI	Area under water
S	urface Cracks	NE	
	loughing or Erosion of uter Embankment Slopes	NE	
	loughing or Erosion of ner Embankment Slopes	NE	
	pstream Face Slope rotection (HDPE Liner)	NA	
	pstream Face Slope rotection (Riprap)	60	
Aı	nimal Damage	NE	
Н	OPE Liner	NA	
Ve	egetative Cover	mm	needs mowed
Co	ondition of Piezometers	NA	
	nbankment Drainage tches	NA	

dition Codes

Embankment

 Emergency Condition. A serious dam safe 	ty condition exists that needs immediate action.	. Report immediately to Chief Dam Safety Engineer and immediate supervisor
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Not Inspected. Reason should be stated in comment.

Impoundment Secondary	Impoundment	Secondary
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Item needing immediate maintenance to restore or ensure its safety or integrity. Remediation should be completed within 1 month.

⁼ Item needing minor maintenance. The safety or integrity of the Item is not yet imperiled.

⁼ Condition requires regular observation to ensure that the condition does not become worse.

⁼ Good Condition.

No evidence of a problem.

Spillway	Drains/Weeps	line.	
	Discharge coloration	6c	
	Seepage	NE	
	Alignment	NA.	
	Bridge and Piers	NA	
	Fencing	NA	
	Construction Joints	NA	
	Trash Racks	NA	
	Differential Settlement	NA.	
	Stop Logs	NA	
	Riprap	GC	
ssipat	Outlet Channel	NI	Area under water
Energy Dissipator	Concrete Condition	NA	
Ene	Debris	NE	
	Allgnment	GC	
Decant Structure	Connection to Bollard	NA	
	Debris in Inlets	NE	
	Condition of Pipe	GC	
	Seepage at Inlet or Outlet	NE	

- C = Emergency Condition. A serious dam safety condition exists that needs immediate action. Report immediately to Chief Dam Safety Engineer and immediate supervisor
- = Item needing immediate maintenance to restore or ensure its safety or integrity. Remediation should be completed within 1 month.
- vi = Item needing minor maintenance. The safety or integrity of the Item is not yet imperiled.
- 3 = Condition requires regular observation to ensure that the condition does not become worse.
- 0 = Good Condition.
- E = No evidence of a problem.
- = Not Inspected. Reason should be stated in comment.

5-19-21 Jason Grieve



		The second secon	
	Item	Condition	Comments
	Vertical & Horizontal Alignment of Crest	60	
	Riprap	GC	
	Seepage	NE	
	Erosion	NE	
	Filter and Filter Drains	GC	
-	Unusual Movement or Cracking At or Beyond Toe	NI	Area under water
¥	Surface Cracks	NE	
	Sloughing or Erosion of Outer Embankment Slopes	NE	
	Sloughing or Erosion of Inner Embankment Slopes	NE	
	Upstream Face Slope Protection (HDPE Liner)	NA	
	Upstream Face Slope Protection (Riprap)	CC	
	Animal Damage	NE	ii e
	HDPE Liner	NA	
	Vegetative Cover	mm	needs mowed
L	Condition of Piezometers	NA	
	Embankment Drainage Ditches	NA	

idition Codes

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- : Item needing immediate maintenance to restore or ensure Its safety or integrity. Remediation should be completed within 1 month.
- = Item needing minor maintenance. The safety or integrity of the Item is not yet imperiled.
- = Condilion requires regular observation to ensure that the condition does not become worse.
- = Good Condition.
- No evidence of a problem.
- Not Inspected. Reason should be stated in comment.

Impoundment	Final Ash Pond

Spillway	Pranskieers	GC	
	Discharge coloration	6C	
	Seepage	NE	
	Alignment	GC	
	Bridge and Piers	NA	
	Fencing	NA	
	Construction Joints	NA	
	Trash Racks	NA	
	Differential Settlement	NE	
	Stop Logs	NA	
Energy Dissipator	Riprap	NA	
	Outlet Channel	GC	
ergy D	Concrete Condition	NA	
Ene	Debris	NE	
Decant Structure	Alignment	60	
	Connection to Bollard	NA	i i
	Debris in Inlets	NE	
	Condition of Pipe	GC	
	Seepage at Inlet or Outlet	NE	

2 = Emergency Condition. A serious dam safety condition exists that needs immediate action. Report immediately to Chief Dam Safety Engineer and immediate supervisor

= Item needing immediate maintenance to restore or ensure its safety or integrily. Remediation should be completed within 1 month.

M = Item needing minor maintenance. The safety or inlegrity of the item is not yet imperiled.

3 = Condition requires regular observation to ensure that the condition does not become worse.

C = Good Condition.

E = No evidence of a problem.

= Not Inspected. Reason should be stated in comment.