

**ANNUAL CCR SURFACE IMPOUNDMENT
INSPECTION REPORT (per 40 CFR 257.83(b)(2))**

Power Station: Newton Power Station

Owner: Illinois Power Generating Company

CCR Impoundment: Primary Ash Pond

Date of Inspection: 9/21/2015

Name of Qualified Professional Engineer: James Knutelski, P.E. and Jason Campbell, P.E.

In accordance with 40 CFR § 257.83(b)(1), an existing or new CCR surface impoundment or any lateral expansion of the CCR surface impoundment that is subject to the periodic structural stability assessment requirements under § 257.73(d) or § 257.74(d) must be inspected on a periodic basis by a qualified professional engineer to ensure that the design, construction, operation, and maintenance of the CCR unit is consistent with recognized and generally accepted good engineering standards. The inspection must, at a minimum, include: (i) A review of available information regarding the status and condition of the CCR unit, including, but not limited to, files available in the operating record (e.g., CCR unit design and construction information required by §§ 257.73(c)(1) and 257.74(c)(1), previous periodic structural stability assessments required under §§ 257.73(d) and 257.74(d), the results of inspections by a qualified person, and results of previous annual inspections); (ii) A visual inspection of the CCR unit to identify signs of distress or malfunction of the CCR unit and appurtenant structures; and (iii) A visual inspection of any hydraulic structures underlying the base of the CCR unit or passing through the dike of the CCR unit for structural integrity and continued safe and reliable operation.

Inspection Report 40 CFR § 257.83(b)(2)

- i) Have there been any changes in geometry of the impounding structure since the previous annual inspection? If yes, please explain.

No changes.

- ii) Instrumentation
(Please see following page for instrumentation location map)

Instrument ID #	Type	Maximum recorded reading since previous annual inspection (ft)
B001	Piezometer	509.0'
B003	Piezometer	515.5'
B004	Piezometer	550.0'
B005	Piezometer	521.9'
B006	Piezometer	538.3'
B007	Piezometer	549.7'
B008	Piezometer	535.8'
B009	Piezometer	530.8'
B010A	Piezometer	529.3'
B010B	Piezometer	524.5'
B012	Piezometer	519.2'

B014	Piezometer	507.2'
B015	Piezometer	541.5'
B016	Piezometer	509.6'

iii)	Since previous annual inspection:	Approximate Depth / Elevation					
		Elevation (ft)			Depth (ft)		
		Minimum	Present	Maximum	Minimum	Present	Maximum
	Impounded Water		539			19	
	CCR	515		545	33		63

iv) Storage capacity of the impounding structure at the time of the inspection (acre-ft): 31,000

v) Approximate volume of the impounded water and CCR at the time of the inspection (acre-ft):

water volume: 3,000

CCR volume: 10,000

vi) Are there any appearances of an actual or potential structural weakness of the CCR unit, in addition to any existing conditions that are disrupting or have the potential to disrupt the operation and safety of the CCR unit and appurtenant structures?

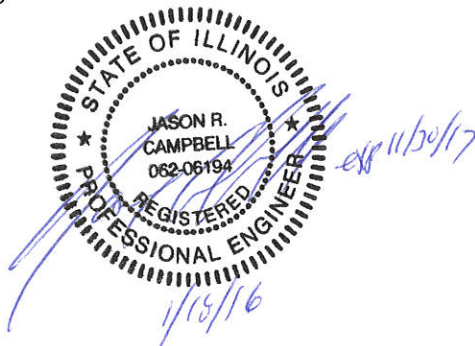
None

vii) Are there any other changes which may have affected the stability or operation of the impounding structure since the previous annual inspection?

None

I, Jason Campbell, P.E., certify under penalty of law that the information submitted in this report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Illinois. The information herein is to the best of my knowledge and belief, true, accurate and complete.

Dated: 1/18/2016

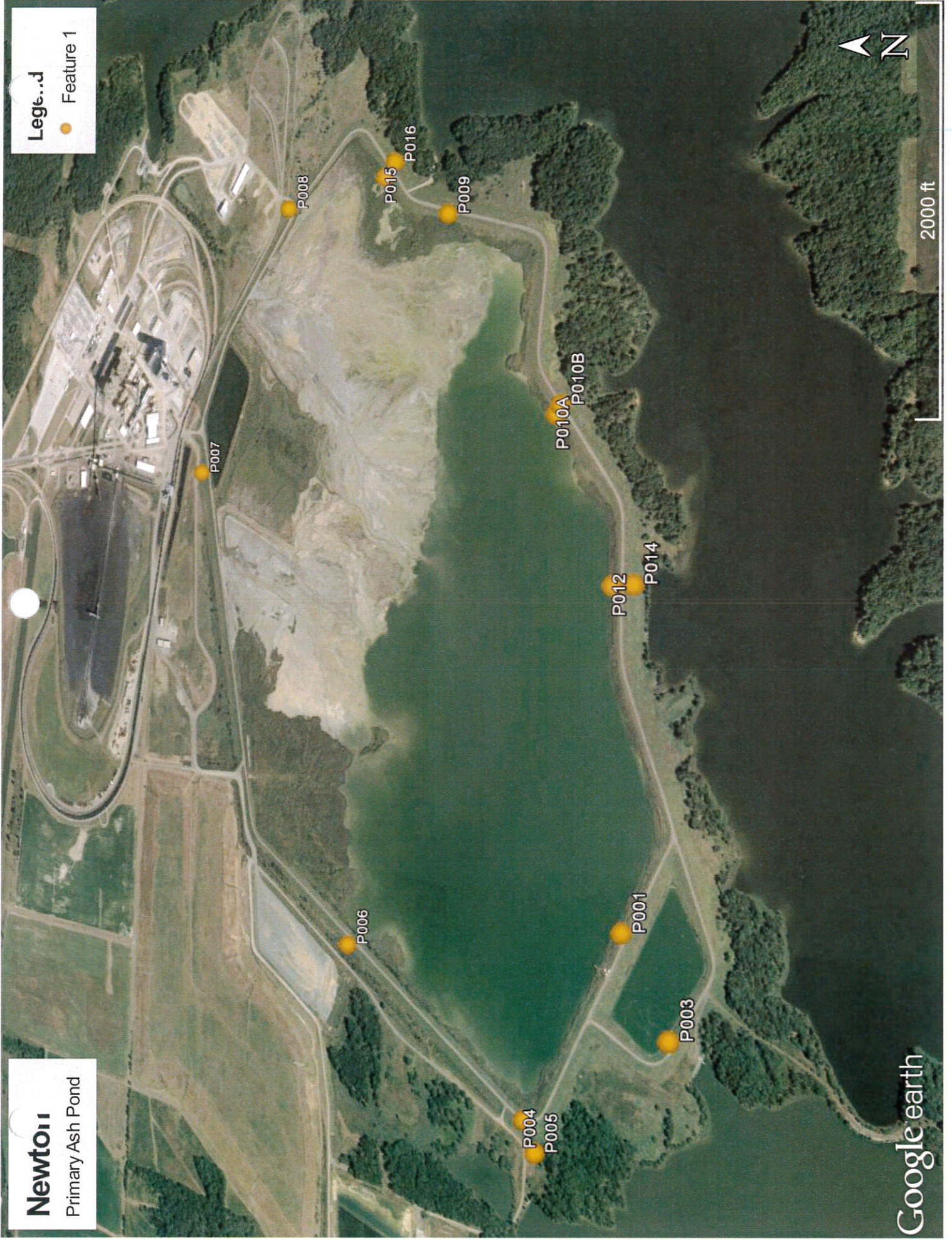


Newton

Primary Ash Pond

Legend

● Feature 1



Google earth

2000 ft

**ANNUAL CCR SURFACE IMPOUNDMENT
INSPECTION REPORT (per 40 CFR 257.83(b)(2))**

Power Station: Wood River Power Station

Owner: Dynegy Midwest Generation, LLC

CCR Impoundment: Primary East Ash Pond

Date of Inspection: 10/5/2015

Name of Qualified Professional Engineer: Kipkoech K. Chepkoi, Ph. D., P.E. and Jason Campbell, P.E.

In accordance with 40 CFR § 257.83(b)(1), an existing or new CCR surface impoundment or any lateral expansion of the CCR surface impoundment that is subject to the periodic structural stability assessment requirements under § 257.73(d) or § 257.74(d) must be inspected on a periodic basis by a qualified professional engineer to ensure that the design, construction, operation, and maintenance of the CCR unit is consistent with recognized and generally accepted good engineering standards. The inspection must, at a minimum, include: (i) A review of available information regarding the status and condition of the CCR unit, including, but not limited to, files available in the operating record (e.g., CCR unit design and construction information required by §§ 257.73(c)(1) and 257.74(c)(1), previous periodic structural stability assessments required under §§ 257.73(d) and 257.74(d), the results of inspections by a qualified person, and results of previous annual inspections); (ii) A visual inspection of the CCR unit to identify signs of distress or malfunction of the CCR unit and appurtenant structures; and (iii) A visual inspection of any hydraulic structures underlying the base of the CCR unit or passing through the dike of the CCR unit for structural integrity and continued safe and reliable operation.

Inspection Report 40 CFR § 257.83(b)(2)

- i) Have there been any changes in geometry of the impounding structure since the previous annual inspection? If yes, please explain.

No changes.

- ii) Instrumentation
(Please see following page for instrumentation location map)

Instrument ID #	Type	Maximum recorded reading since previous annual inspection (ft)
P001	Piezometer	0
P002	Piezometer	421.8'
P003	Piezometer	421.7'
P004	Piezometer	421.8'
P005	Piezometer	422.3'
P006	Piezometer	403.3'

iii)	Since previous annual inspection:	Approximate Depth / Elevation					
		Elevation (ft)			Depth (ft)		
		Minimum	Present	Maximum	Minimum	Present	Maximum
	Impounded Water		444.4			8.4	
	CCR	442		452	6		16

iv) Storage capacity of the impounding structure at the time of the inspection (acre-ft): 550

v) Approximate volume of the impounded water and CCR at the time of the inspection (acre-ft):

water volume: 80

CCR volume: 212

vi) Are there any appearances of an actual or potential structural weakness of the CCR unit, in addition to any existing conditions that are disrupting or have the potential to disrupt the operation and safety of the CCR unit and appurtenant structures?

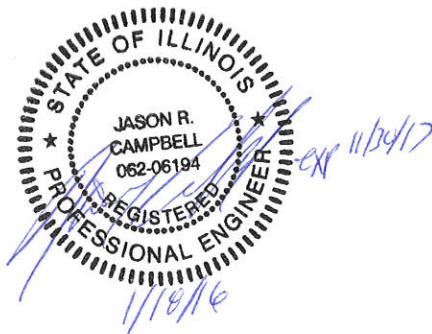
None

vii) Are there any other changes which may have affected the stability or operation of the impounding structure since the previous annual inspection?

None

I, Jason Campbell, P.E., certify under penalty of law that the information submitted in this report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Illinois. The information herein is to the best of my knowledge and belief, true, accurate and complete.

Dated: 1/18/2016



Wood River

Primary East Ash Pond

P002

P003

P004

P005

P001

P006

Legend

● Feature 1



500 ft

Google earth

