



**BREMO POWER STATION EMERGENCY ACTION PLAN**

**INSPECTION FORM**

<b>Impoundment Name: North, East, West Ash Ponds</b>	<b>Inspected By: Stephen Kolmer</b>
<b>Date of Inspection: 11/5/2019</b>	<b>EAP Coordinator: Rick Woolard</b>

**WEATHER CONDITIONS:**

---



---

<b>Check one (one inspection form per stage)</b>	<b>Time of EAP Implementation</b>	<b>Time of Termination</b>
<b>Stage 1 Condition:</b> (Observation Required every 8 hours)	11/052019 @ 08:47 hrs	11/05/2019 @ 16:14 hrs
<b>Stage 2 Condition:</b> (Observation Required every 2 hours)		
<b>Stage 3 Condition:</b> (Continuous observation required)		

<b>Time</b>	<b>Inspector Name</b>	<b>Observations/Condition of Dam/Description of Concern/Failure</b> <i>*Note adverse conditions/inability to observe</i>
08:15	Erin Heath	Provided notification / email of a 1.8 magnitude earthquake near the Mineral area of Louisa, VA to the Stage 1 Flow chart contacts
08:30	Rick Woolard	Verified the epicenter was within 50 mile radius
08:31	Rick Woolard	Contacted Stephen Kolmer to initiate Stage 1 inspections
08:34	Rick Woolard	Contacted via phone Bill Reed (Station Director)
08:44	Rick Woolard	Contacted via phone Michael Winters (P.E.). Winters briefed on observations and provided technical direction on next steps for station personnel
08:47	Rick Woolard	Provided electronic alert (email) of the Stage 1 implementation
16:14	Stephen Kolmer	Provided electronic copies of the initial inspections of each ash pond to the Brema team which reported no evidence of emergency conditions discovered.



**BREMO POWER STATION EMERGENCY ACTION PLAN  
INSPECTION FORM**

16:14	Michael Winters	Per discussions with P.E. Stage 1 observations are complete provided that no evidence of emergency conditions discovered during the initial inspections. Termination of Stage 1 monitoring conditions.
11/6/2019	Michael Winters	Preformed a full inspection as the professional engineer knowledgeable with the dam and certified there were no signs of distress or damage discovered.
11/12/2019	Michael Winters	Provided the P.E. certified inspection report. (see attached)

**General Comments/Event De-Brief Notes:** Re-evaluate the quantification trigger for seismic events.  
This event couldn't be felt and therefore the level of "significant" events should be related to the  
appropriate action of the EAP.



To: Rick Woolard, Senior Environmental Compliance Coordinator  
From: Michael Winters, P.E., Engineer III, Dominion Energy  
Date: November 12, 2019

Subject: Bremono Power Station, post-seismic dam inspections

## Memo

On November 5, 2019 a measurable earthquake within 50 miles of Dominion Energy's Bremono Power Station was reported by the USGS. The East Ash Pond Dam (DCR Inv. No. 065019), North Ash Pond Dam (DCR Inv. No. 065020) and the West Ash Pond Dam (DCR Inv. No. 065011) are located at this power station. The emergency action plan for these dams requires an inspection by a professional engineer knowledgeable with the dam site following a measurable earthquake felt or reported within 50 miles of the dam.

On-site personnel promptly inspected the dams for visual changes or signs of distress, deformation or damage under the direction of Michael Winters, P.E. (Virginia License Number 33623). No adverse conditions were observed during these inspections. Mr. Winters inspected each of the dams on November 6, 2019. The inspection consisted of a thorough inspection of all accessible areas of the earth embankments and appurtenant structures. No signs of distress, deformation or damage were observed at or near any of the dams. The dams are considered suitable for continued operation.

