



**US Army Corps
Of Engineers**
Omaha District

PUBLIC NOTICE

Application Number: 2005-10872-WEH
Applicant: MidAmerican Energy Company
Waterway: Missouri River
Issue Date: November 16, 2011

Reply To:
Nebraska Regulatory Office--Wehrspann
8901 South 154th Street, Suite 1, Omaha, Nebraska 68138
(402) 896-0896
<http://www.nwo.usace.army.mil/html/od-rne/nehome.html>

NOTICE OF PERMIT ISSUED

Notice is hereby given that MidAmerican Energy was granted emergency authorization pursuant to Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act of 1899 on September 20, 2011, to dredge accumulated sediment from intake structures at your Walter Scott Energy Center. The purpose of the work was to keep Unit 3 operational. The proposed work is located at the following site:

Site #1: Unit 1 and 2 intake-SE ¼ of Section 25, Township 74 North, Range 43 West, Pottawattamie County, Iowa, specifically 41.178957°N, -95.840780°W;

Site #2: Unit 3 intake—SW ¼ of Section 30, Township 74 North, Range 43 West, Pottawattamie County, Iowa, specifically 41.177982°N, -95.841162°W

Due to high flow and the receding flows on the Missouri River a large amount of sediment was deposited near the intake structures. Walter Scott Energy Center (WSEC) is a designated critical infrastructure. WSEC uses four circulating water pumps to provide once-through cooling water to Unit 3, which is a 720 Mega Watt unit. Two of the pumps were inoperable due to the amount of sediment that filled in the intake structure. As additional sediment accumulated in the intake, the remaining two circulating water pumps were at risk of failure. Unit 3 is not designed to operate at full load with fewer than three pumps in operation; the result is that the plant's electric output is significantly reduced during two pump operation. When there are only two operable circulating water pumps, it is no longer possible to conduct routine maintenance activities such as backwashing without taking the unit offline completely. In the absence of these routine maintenance activities, the circulating water pumps (and therefore the plant itself) will not be able to remain online for an extended period of time.

The Corps of Engineers authorized MidAmerican Energy to dredge the accumulated sediment and discharge it into the Missouri River. Approximately 200 cubic yards of material was dredged and discharged into the

Missouri River. This emergency authorization was in place until October 15, 2011. The emergency authorization was not used by MidAmerican Energy Company during the period that it was valid.

The project was coordinated with US Environmental Protection Agency, US Fish & Wildlife Service, NE Department of Environmental Quality and NE Game and Parks Commission.

The purpose of authorizing the project with the emergency procedures was to prevent the loss of power generation.

For additional information on the project, you may contact Mr. Matt Wray at the above address or call (402) 896-0896.