JOB NO: IGS02-07 W.O. #02-53663

TITLE: ID Fan Drive Replacements

DESCRIPTION: Replace the Induced Draft Fan Variable Speed Drives

JUSTIFICATION: OBSOLESCENCE

WHAT IS OBSOLETE: Control system circuit boards.
WHY OBSOLETE: No longer manufactured.
WHEN OBSOLETE: 1999
WHY IS IT STILL NEEDED: The ID fan drives are used to adjust the output of the ID fans.

ADDITIONAL DETAIL: The ID Fan Drives were originally manufactured by Westinghouse. This division of Westinghouse was later sold to AEG and then to CEGELEC. During the transition through various owners, the manufacture of our drive system control components was stopped. We have been using our capital spare stock to keep the drives running, but we are currently down to one spare on several critical control boards. We have been unable to locate any replacement circuit boards.

This project is planned for several years because of limited outage time. We will start replacing drives in 2003-2004 and use parts from the removed equipment to maintain existing equipment until all the drives are replaced.

COST ESTIMATE:

	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007	Totals
Engineering Labor	$5,000	$5,000	$10,000	$10,000	$10,000	$40,000
IPSC Labor	$0	$25,000	$100,000	$100,000	$100,000	$325,000
Contractor	$70,000	$75,000	$100,000	$200,000	$100,000	$545,000
Material	$5,000	$775,000	$1,790,000	$1,750,000	$1,000,000	$5,320,000
Job Total	$80,000	$880,000	$2,000,000	$2,060,000	$1,210,000	$6,230,000

IP70135533

ALTERNATIVES: None identified.

EFFECT OF DEFERRAL: Increased drive down time and loss of equipment redundancy.

PROJECT HISTORY: The contract has been awarded to Alstom and the first installation will be done on Unit 1 in Spring 2004.

IP7013534

CAPITAL PROJECT JUSTIFICATION 2006-2007

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Material	$5,000	$775,000	$1,790,000	$1,750,000	$1,000,000	$5,320,000
Job Total	$80,000	$880,000	$2,000,000	$2,060,000	$1,210,000	$6,230,000

IP7013535

CAPITAL PROJECT JUSTIFICATION 2006-2007

ALTERNATIVES: None identified.

EFFECT OF DEFERRAL: Increased drive down time and loss of equipment redundancy.

PROJECT HISTORY: The contract has been awarded to Alstom and the first installation will be done on Unit 1 in Spring 2004.

IP7013536