



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

DMB 016

January 19, 1983

Dockets Nos. 50-277/278

FACILITY: Peach Bottom, Units 2 and 3

LICENSEE: Philadelphia Electric Company (PECo)

SUBJECT: SUMMARY OF THE JANUARY 14, 1983 MEETING WITH PECo, GENERAL
ELECTRIC AND EPRI PERTAINING TO INDUCTION HEATING STRESS
IMPROVEMENT

Members of the NRC staff met with representatives of Philadelphia Electric Company (PECo) (the licensee), assisted by representatives of General Electric (GE) and Electric Power Research Institute (EPRI), on January 14, 1983. A list of the meeting attendees is provided as Enclosure 1. The purpose of the meeting was to discuss the licensee's use of GE's proprietary induction heating stress improvement (IHSI) system to help reduce the potential for intergranular stress corrosion cracking (IGSCC) (MPA: B-05, NUREG-0313, Rev. 1). The meeting was primarily focused upon a generic presentation of the EPRI-GE developed IHSI system, including the summarization of test data supporting the use of IHSI. Extensive technical presentation by T. Giannuzzi (EPRI) and D. Bertossa (GE) was followed by Philadelphia Electric's specific design applications for Peach Bottom (P. Kison). The licensee plans to use IHSI on 23 welds in the upcoming Unit 3 refueling outage (February 12, 1983). It was indicated by the licensee at this meeting that sometime in the future the use of IHSI could result in a relaxation of ISI criteria and, thereby, a reduction of worker exposure.

Due to high interest in GE's proprietary IHSI system, additional copies of GE's method were promised to the NRC staff by PECo.

The staff concluded by expressing their belief that additional meetings may result as the staff undertakes a more indepth analysis of IHSI.

Original signed by

Gerry Gears, Project Manager
Operating Reactors Branch #4, DL

Enclosure:
List of Attendees

8301260267 830119
PDR ADOCK 05000277
P PDR

OFFICE	ORB #4:DL	JHh					
SURNAME	Gears;cf	OK					
DATE	1/19/83	1/19/83					

ORB#4:DL

MEETING SUMMARY DISTRIBUTION

Licensee:

* Copies also sent to those people on service (cc) list for subject plant(s).

Docket File
NRC PDR
L PDR
ORB#4 Rdg
GLairas
JStolz
Project Manager-GGears
Licensing Assistant-RIngram
OELD
Heltemes, AEOD
IE
SShowe (PWR) or CThayer (BWR), IE
Meeting Summary File-ORB#4
RFraley, ACRS-10
Program Support Branch

ORAB, Rm. 542
BGrimes, DEP
SSchwartz, DEP
SRamos, EPDB
FPagano, EPLB

Meeting Participants Fm. NRC:

FWitt
EBrown
RHermann
JHalapatz
MBolotsky
PDu
BELLiot
WHazelton
BDLiaw
CCheng
WKoo
HConrad
MHum
DClark
MHum

LIST OF ATTENDEESMEETING ON JANUARY 14, 1983IHSI OF WELDS FOR INHIBITING GROWTH OF IGSCC

<u>Name</u>	<u>Organization</u>
G. Gears	NRC/DL
A. Giannuzzi	EPRI
M. Ryan	PE Licensing
F. Witt	NRC/CHEB
E. Brown	NRC/AEOD
W. Norton	Hartford Stm. Blr. I&I
J. Fuhrman	" "
R. Hermann	NRC/DL
J. Halapatz	NRC/MTEB
R. Zong	PECo
M. Barbaretta	GE
M. Bolotsky	NRC/MTEB
H. Watanabe	GE
E. Clymer	PECo
F. Glockler	PECo
P. Boyles	PECo
H. Donlin	Hartford Steam Boiler
J. Madara	PECo
D. Bertossa	GE
P. Kison	GE
W. Alden	PECo
P. Du	NRC/MEB
B. Elliot	NRC/MTEB
W. Hazelton	NRC/MTEB
B. D. Liaw	NRC/MTEB
C. Cheng	NRC/MTEB
W. Koo	NRC/MTEB
H. Conrad	NRC/MTEB
M. Hum	NRC/MTEB
D. Clark	NRC/DL
M. Hum	NRC/MTEB