# PROFFERED TO THE PARTIES 

BY
GEORGIA POWER COMPANY

## (TROUTMAN SANDERS)

FEBRUARY 28, 1994

NUCLEAR REGULATORY COMMISSION G. ${ }^{\circ} \mathrm{C}$


TAPE NO. 42, SIDE 1
VOICE: This?
voIce: Uh-huh.
VOICE: Off the chart, is that the (inaudible)
reductions in depressorization (phonetic) from what to what? voICE: It didn't change much over a (inaudible). It's from 200 to 80 . psi
voIce: Uh-huh. VOICE: Or from 100 to 90. PS
Of voICE: Yeah, 200 to 80 is the one I looked at. An voice: okay.
voIce: okay.
vOICE: Uh-huh.
A GB voIce: But if you looked at it for 120 degree drop, it was almost 30 degrees for a look (inaudible) -vCZCE: Okay. VOICE: (Inaudible) pressure.

AM VoICE: Yeah, the same PSI pressure drop would yield about the same --

VOICE: The one I looked at was -VOICE: (Continuing) -- depression. voICE: (Continuing) -200 . voICE: okay. $A m$ VOICE: I don't know. I think -- my gut feeling

VOICE: (Inaudible).
VOICE: We'll see how they mean that.
voICE: See you later.
VOICE: Bye Ken.
VOICE: Bye.
(Pause.) (BREAK IN TAPING)
wearer: There was another item in that letter HAIRSTON that $A$ simsxisen phomethent sent to NRC that I was wondering about.

They sent that thing up, and I don't think anybody down here got to look at it until yesterday.
(Inaudible) -- the letter that Soling, please Fig ht the hold you have on criticality $y$
vexes: That's for the calendar. LEE MANSELELR (LM) OKay.

AM: I looked at one item on it, relative to a statement made by the instrument air and the diesel, one of them.

AND There was another item on THERE THAT the event on the $20 t h$, we have started the A machine 19 times, and we have started the $\frac{B}{A}$ machine 18 times, all successfully."

ALM: Now, do you remember enough about the start? An: I don't believe that of THOSE successful.

Marti $A_{\text {weser }}$ I don't either, but it depends on
THEM HAD PROBLEMS.

Some of $A$ theoemfeld howndrde. they worded it.

Now, we may well have had 19 successful starts.
flor weser: Well, that's my question.
Mrufirld were: We may have had 22 attempts.
severe But we may -- yeah. There were -kuchen y (phonetic) would know.
$B E C A U S E$
$A K^{\text {The }}$ failed starts, that I remember, were on $\gamma \beta$ train only.

A train never failed to start, but $B$ train did --
VOICE: B train --
FCC $A$ (Continuing) - failed to start is the wrong term. In each case, it was ens start ED AND ALM: It started $A N L$ in trip $A E D$ and then so we had some cases where it started and wouldn't trip, so that's another kind of problem here.
Mausfir weser: It started and wouldn't trip, I don't know about that.

VOICE: There was -- [INAUNIGLE]
Mrovof. But on the B machine, I think it tripped twice when we were trying to get $B$ back up; remember?

ALM yezex: you.
Preys. We were concentrating on B. Paul would know.

That would be in that $\log$ that came through.
ALM Let me ask him.
LM you know, he should be able to count up the numbers of STARTS.

An Fever: you know, the problem is that when A LETTER UNLESS THEY'RE WILLINg' corporate sends $\Lambda$ like we ether like out, $\Lambda$ ENTIRE tong to take the rind responsibility for the history and the contents ${ }_{K}$ THAT ARE,

- Down here, they're sticking their necks out. Monfich Well, what's going to happen is that they're going to come to us, somebody is going to come to us is stunts and ask us to show them about the (tnewdible), and were going to go, (theurtiole).
woe may have had 19. I don't know.
VOICE: yeah.
voICE: Hold on. (Inaudible) see about this.
PAUL AND THEM ARE SITTING UP

(inaudible).
ALM (Inaudible) down there. I'll get it. Am (WALKING SOUNDS)

1 I don't know if you had a chance to see the letter that Hesedien, sent out.
PAUL Kociohery mores: un (inaudible).
ALI: DO YOU HAVE A COPY OF THAT.?
PK: YEAH RIGHT HERE
 and I think that's part of the (inaudsibieqg (INAUPIBLE) AND

What's what I meant this morning on the air.
arter: But the other item, I -- You didn't see that letter $X$ AT THE SITE HERE?

Ete migh herer
DK SAWIT THIS MORNING.
PK I just fineres:

ALM yozer yeah, I know.
PK this ores: I didn't courcost you
WELL THAT'S WHAT I - - Know.
ALM Horce: $\wedge$ Well, okay.
\#roperf If you've got anything else in it that
you don't think is correct, please let me know.
PK voice: okay.
Awl I was looking at two things. I was
looking at number four.
PK OKAY.
An And we had our meeting on that this
morning.
kocheny Roser: Right.
Al wose: I was also looking though at number G, okay? AND,

I wanted to talk to you, as to whether you thought
that was correct.
ALM (READING): "Since Ma.ch
Rahisy wases: Uh-huh.
$A M$ (READNG4)
1 Tpres: "The one $A$ diesel has been started 18

1 times, and the one $\frac{B}{B}$ diesel has been started 19 times. No

Now, if that's -- if those 18 and 19 starts include all of the starts since the 20 th, I know we had problems and failures.

Now, if those 19 -- if we started the machines a total of 25 times, and those 18 and 19 are the last 18 and 19, and the failures, as I recall, may be one of the first set, you know, maybe this is still a true statement.

But do you have a data log or something that arafat show ${ }_{\wedge}^{5}$ all these starts?

BECAUSE
$\Lambda^{I^{\prime} m}$ afraid we could have another problem with this statement here.

Do you ever -- what do you have that would show all the starts?

Does Kenny -- Kenny's log?
kockony
*exes: No.
ALM Does it cover all of that? failure
PK Hoses: $19-$ you didn't have a (inauditvief 1 [INAUdIBLE]
ALM Fores: Well, we certainly had problems, okay?
I mean, if I recall, we had the machine tripped,
the $B$ machine tripped.
kocherly NOT ON (INAVOIBLE) The B meting trip pol Rockery meter: 1 (Inst $\lambda$ main ie) took them before that.

A LM sores: But this says since the 20 th. PK Foxes: Um.

ALM moses: See in that inst week PK roses: $\begin{aligned} & \text { THE TH } \\ & \wedge 20 \text { days, yes. }\end{aligned}$
ALM spores: The $B$ machine has -PK stores: (Inaudible).

ALM And then there was another event, where -

PK (Inaudible) -- temperature, we have TRIP (inaudible).

ALM Then there's also the occasion where -PK Two times --

ALM (Continuing) -- they made the trip, right?
 the funadithlet, you know. That's the -- the only time when the trip is a part of the, you know, the functional weary it tripped on, UH, lube il.


A LM okay. $B$ train tripod
PK *aces: And yer (inaudible) $\Lambda t$ and I think
there's one more time it tripped.
ALM *oses: Uh-huh.
haley wowser: (Inaudible). B train tripped.
A-M wore well, do you git the $\log$, you know, I need --

$$
1-15
$$

PK Hover. The B trip. This part of the ftnatiblet, to run the functional test of the diesel, but for --

AM dozer: Yeah, but I mean, does somebody have all the starts since the 20 h , summarized someplace, so that I can compare them against what we've said in this letter, to make sure we haven't said something that, ${ }_{1} \frac{\text { Not }}{1} \frac{1}{1}$ PK Hoses: That is not - I do not -- Nobody asked USK EINAUNIBLET.
fly tower: Hey, nobody asked us -- anybody down here at the site. PK Hoses: Well, I --
An you know, to look at what got sent in. PK votes: I didn't .AW you know, there was an initial draft that showed up, I think, on Friday of last week, BUT Lt's different than this draft. It doesn't have items one through live.

PK *ores: (Inaudible).
ALM (Inaudible) -- starting all over. One
$B$
PK Fores: Okay, this is one bear. From starting, this is (inaudible).

This is prior to the outage of the beeper, okay?
ALM voter: yeah.
PK wares: (Inaudible) one B DIESepers.
ALM Hexes: Well, we gotta start -- okay, on the $20 \%$, THE gOTH, THE
$\wedge^{2 i s t}$, correct?
PK weser: Yes.
A LM sever: Okay, one, two, three, what stopped?
PK You know, manually stopped.
ALM Force: Oh, is each one of these times they
start?
Kochony oses: okay, this is the failed to start. Any Hose: That's an attempt and a failure?

PK sores: That's right.
ALM roses: Another attempt and a failure. PK That's right.

ALM Hoses: Okay, that's start? PK And go another.

A LM woes: And what's this? PK Hoses: That's a stop.

A LM sores: Stop from the third start? PK poser: Yes, that's correct.

A LM-woxes: So that's three starts there.

PK That's right.
ALM Three start attempts.
(Telephone ringing.)
PK (TALKING EN PHONE) $\triangle$ Heres: Hello.
*
PK fores: Uh-huh.
An poser: Four, five, six.
hockney worser: yes, uh-huh.
PK You e: you can do it either way.
PK That's right.
ALM poser: Seven.
PK Uh-huh.
ALM Eight.
PK Up to the 3rd there from January list. Notes that's correct.
$\downarrow$ That is including the insurance benefits
WELL
as-ordesed, okay?
PK Uh-huh. ok ere oka. votes That's correct. Hover Okay. WOTCE That's correct.

Hoses: Which one?
Forces yeah.
$\downarrow$ you can do either way.
 I'll talk to you later.
(End of telephone conversation.)
VOICE: (Inaudible).
 confused apples and oranges here.

I went from the one $B$ to the one $A$, and now I'm lost, okay.

PK Hoses: This is a --
A LM Hoses: Do you have anything -- you don't have 23 RD any data then, past the ${ }^{2} \mathbf{z o t h}$ ?

PK No.
ALM:Well, we did a lot more past the 23 rd .
Hocharysores: No, I don't have anything past the 23 rd on that.

ALM toter: oh, okay.
Kochery *oses: Themeswe, generators failed here, the one B.

They should be right here.
AM e Fores: There's a bunch of them. I SPOTTED several problems in the course of that. It's on the next page, I think.

PK Fores: Yeah.
A LM roses: It should have (inaudible). Kochony motes: That's right. pressure.

PK Fores: And before that -votes Do you also remember (inaudibia) I

VOICE: (Inaudible).
VOICE: (Inaudible).
Am poses: Did the a machine ever have a problem?
voter- Not averalitetien
hocking mores: No, A machine never had a problem, no. VOICE: (Inaudible).

PK moses: That's right. Farer: $B^{\prime} s$ the one.
borer: okay, the B machine tripped on THAT DAY
there:
hoche.y: than that, we didn't have any trips.

Fores: Okay.
pRo on a Ditsol Cm
 temperature on a $322^{3-27}$
(AND IT
Hock trip per okay, then, we were doing fine again in the
franadiblet $\Lambda$ right at tine time.
On a low jacket water pressure (inauditile) trave
low boil pressure, Der.
24 Rod re pores: All right, that's the two trips we had?

Kochry so this (inaudible) is not correct.
Am wore: I'm going to have to look for that more. Let me get a copy of these two things. I going to have to find out the rest of the story.

PK Horce: And I'll take some ccpies.
$A-M$ wotes: okay,
Am: What I really need is the starts since, you know, THAT 9. bryoud errey il be on your list there.

PK wozez: What I need, basically, is -- oh, I know.
ALM Hosez: Maybe if we had more $\wedge^{\text {(Inaudible) }- \text { you }}$ know, maybe this $-I^{\prime} m$ not sure if this is a problem or not.

AM: Well, okay, you had an item on here that you said was --
 \#poit Fozer
 (inaudible).

Am voICE: okay, that "a test of the jacket watery system temperature transient during engine starts was conducted. The purpose of this test was to determine the actual jacket water temperature at the switch locations with the engines in normal stand out line up."
"And then followed by series of starsge-without
Ci: A/R TO THE
** rolling engines matreplicate starts of March 20th." THE TESTS
"xt that, showed that the jacket water temperature at the switch location decreased from a standby temperature
of 163 degrees eft to approximately 156 degrees oft and remained steady.*

What's your comment on that?
kechriny vezets It wasn't steady, you know. It went up some more and then became steady. You see, it was -All wosex: oh, you got the chart here? PK owes: Ohby.
(PaUSE (AANER SHUFFLING SOUNDS)
A $\angle M$ orem: Okay, let me look at it. PK Fore: Okay, right here. voIce: (Inaudible).

ALM How es: Okay, I'll read it form later. PK vozex: okay.
 PK Hoses: Okay.

ALM nose: Where's the fall; which direction is this chart going?

PK totes. This is a --
ALM Hoses: Where's time going?
PK west: This is 163 . That's us.
ALM roses: Time's going this way?
PK sower: That's correct.
ALM Hoses: okay. PK soses: Okay.

A LM sower: So right to left.

PK Hoses: 163.
ALM 163, okay.
PK wares: Then --
A-M weser: And it goes down here.
PK votes: That's right.
A LM wryer: And then --
wore: And then it's, really steady whet the time FRAME AM I

PK voter: Okay.
ALM sores: I SEE a little wobble here. PK vower: Yeah.

WHAT KIND OF
ALM wowser: Okay, how much time is that; what kind of
time scale?
PK Hoses: Uh, 60 centimeters per minute g.
ALM noses: 60,70 , oh, so I was looking -
PK worser: This is a finmudibief right now.
ALM roses: Yeah, okay, so I was looking at about,
what four or five feet there, so that's a minute or so.
PK That's right.
ALM-wover Yeah, okay.
PK fores: You see, THERE's jols=mest jolt.
ALM Fores: Yeah, so there's a little wobble there.
PK \%ozes: Yeah, it's a (inaudible).
A LM wore: yeah, I see a little wobble up, and then it peaks, and then here's another.

Is this the end of your run? This is another up. PK totes: That's right. That's a -- you can see that (inaudible) was started the time. ALM notes: okay. PK sores: That's where, you know. $A \& M$ wizes: $A n_{1}^{D}$ off, there we go, yeah, okay. Hoses: I mean, it's steady to the extent that Ploy or minus you'd say steady is within fintudibled three or four degrees.

It's steady within that range, okay, right?
PK Notes: (Inaudible) -- back to 115 on a third
(inaudible).
plus on miruy
A LM *over: Yeah, okay, (imurulbIe) is five degrees. PK sores: It started going up, and then went down again.

A LM noses: okay.
Hose: Who do you think has the rest of the
starts?
PK Notes: (Inaudible) $\wedge_{0}$
ALM Hoses: Who?
THINK J゙/MMト
PK -notes: I Ague wi mimetheit Paul Cash
(fphometict, you know, also.
ALM: You think, Paul cash has all the starts? FK Hoses: yeah.

AL. 7 weser: Okay.

1 Rochry Hose: (Inaudible) THE TONI y two FAILUNES
THE LUBECIL on A diesel, one $B$ which is the high temperature, tow brit --

HLM wore: Yeah.

$$
\text { hochovy wozes: (Continuing) }- \text { and the low pressure, track: }
$$

$$
\angle U B E \text { CK, TURBO LUBE OIK. }
$$ the the water and the, tow bo di, (traudibiw) low boil.

That's because it's connected assad one logic
(inaudible).
ONE
Anytime that you get, that you get both of them

> on.

behind on this.
ALM votes: I know why, because of all the starts.
PK warez: That's right.
ALM Hexer: Okay. SOHEQODY HAS GOT TO HAVE THEM.
-voter one of these guys is ad thees:
PK revers (Inaudible)x CONTROL ROOH.
ALM Nose: We put something together for the -didn't we put something together for the IIT fphonetile) on that?

PK tower: Yeah, this is what I made for IIT. (INAUDIBLE)
ALM sorer: I heased-of, them, unless they made it (inaudible). Kodumy weser: $Y$ bah, that's it. That's what Jimmy Paul
has.
1as. (INA-DIBLE)

ALM: He has that, he and 2immerman (phometc). vorcer All right, maybe I'11 get with, the. Let me make copies of these just for now, so I can
make some notes.

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                                    (BAACIGGAEUND CONIVENSATIONS
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voict Yeah, weine gonns do thatSOUND IF $X E K O X$ ITHCHINE)
(Pause.)
Woyer: Trwe never hod that.

- voter: It was beld up Inttiantyo (Inaudible)
*exez: Dud yow get thet-mumberf
ALM vozez: I appreciate that.
(Pause.) (BNEAK IN TAPING)
VOICE: Okay, the administrative chain up there -
- 

voICE: (Inaudible).
VOICE: Curtis (phonetic) $-\infty$ yeah, I mean, but he was, you know, I mean, he was like that.

He's a fairly high guy. Was it o'reilly
(phonetic) who was administrative then?
vorce: Yeah.
voICE: o'Reilly in administration?
voICE: (Inaudible).
VOICE: You know, I mean --
VOICE: (Inaudible).
voICE: He was to the administrative branch, you

