Title: Japan's Fukushima Daiichi ET Audio File

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building full of hydrogen that's being vented by the hole --

BRIAN SHERON: Right.

CHUCK CASTO: -- that one hole, that, then they need more holes.

BRIAN SHERON: Right.

CHUCK CASTO: Or they're going to blow that building up.

BRIAN SHERON: Right.

CHUCK CASTO: So they, you know, that's another priority that they had that's just too far down the road. They wanted to open up another hole in Unit 2's reactor building because they're fearful that the hole that's there that's venting the hydrogen isn't big enough. And they had some absolutely amazing ideas about how to open that hole, to open that hole more. But that's the other, that's the other thing that they need, is to open the Unit 2 reactor building's roof or hole.

You know, I would say, my, my own thought is that if I had to do this, I would go to the opposite side of the building where the spent fuel pool is and I would take a helicopter and I would drop something right through the roof, you know, and just cave in the roof. But that's just
my, my thoughts.

So I, you know, if we have any thoughts on how to open up a hole on, a bigger hole on Unit 2, that's somewhat of a priority. I mean, they're worried about it because, honestly, they don't want to see that on CNN if that building goes.

TRISH HOLAHAN: Chuck?

CHUCK CASTO: Yes?

TRISH HOLAHAN: This is Trish again.

The other day, we were asked to have the force-on-force guys consider ways to remove the roof or a portion of the roof non-explosively. Is that still a concern?

CHUCK CASTO: Yeah. That's what I'm talking about. You know, you either -- you know, somehow -- you don't have a remove the whole roof. You have to -- you know, they just don't know if that hole that's there is enough to vent all the hydrogen because I think that hole is a floor lower
than the spent fuel pool.

TRISH HOLAHAN: Okay.

CHUCK CASTO: So, you know, they're uncertain whether that hole is big enough to vent all the hydrogen. You know, there's really no way of knowing.

TRISH HOLAHAN: So is there a small hole there now?

CHUCK CASTO: Yes. The explosions in the other buildings punched, put a hole in one of the panels on the reactor building.

TRISH HOLAHAN: Okay, in the side of the wall. Okay.

CHUCK CASTO: Yeah, in the side. So their concern is, you know, how do we make a bigger hole?

BRIAN SHERON: If you make a spark, you're going to blow it --

TRISH HOLAHAN: Yeah, and we were thinking of having a helicopter with a grappling hook or putting a, putting a Bambi bucket on the roof, which has 5,000 gallons of water and --

CHUCK CASTO: Yeah. That's what I was thinking is collapse it.

TRISH HOLAHAN: Yeah.

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DAVE SKEEN: And we was talking about that before the last time I was with Chip, I think, Chuck. And that's what we came up with, is you could take a Bambi bucket, drop it from the right height, and that ought to go right through the corrugated metal of that roof.

CHUCK CASTO: That, that roof is not just corrugated metal. Believe it or not -- I have never seen this before -- but that roof is concrete.

BRIAN SHERON: Yeah. They said three inches or more of concrete, the roof.

TRISH HOLAHAN: Oh, okay.

DAVE SKEEN: Oh. That's a whole different animal.

BRIAN SHERON: If you make a, if you make a spark, you're liable to ignite that stuff anyway.

CHUCK CASTO: Yeah. That's what we were saying about the saw, you know, the, the helicopter in the saw. Yeah, that was . . .

Well, the other thing is you can fly the helicopter and, and the bucket of water and go through the side of the building and just, you know, swing it into the side of the building.

JOHN MONNINGER: But, but there's
hydrogen right off light-off. Even a little sparkle take it off. So a destructive force, you know, even if it's not an explosive could easily spark stuff up through all the blasting, but --

CHUCK CASTO: And again, their concern is not only the damage it does to the building but the damage it does, you know, politically if, if that building goes up.

MALE PARTICIPANT: (Off mic).

CHUCK CASTO: Yeah, we can do it, and another big explosion wouldn't be good.

So we, I've talked a lot.

MARTY VIRGILIO: I, I, I see we have three actions and you have two.

Our first action is to arrange the conference call on the sale accumulation. Our second action is to start the development of a pilot on the target set approach, based on the equipment that they need to restore normalcy and the radiation fields that they're experiencing in the plant. And the third item we have is to brainstorm a little bit here about options for increasing the size of the hole in secondary containment.

Your actions, the first action for you, is to suggest that they substitute fresh water in
their suction supply. And your, your second action
is to ask them how they're coordinating support from
other countries; for example, the French supplied
robots.

Does that sound like a deal?

JOHN MONNINGER: That sounds like a
deal. Can I throw one variation maybe?

MARTY VIRGILIO: Go ahead, John.

JOHN MONNINGER: Yeah. I understand
there will be a conference call with an expanded
group with the notion they want a shorter-term
meeting. We would, I propose we would include, go
forward with the shorter-term meeting but include
whoever's there from the Reactor Safety Team and
then we could have second, third meetings, et cetera

So we, we could get the landscape from
the engineers, the techies maybe, at this first
conference call with whoever's there in the Reactor
Safety Team.

CHUCK CASTO: [REDACTED]

MARTY VIRGILIO: Well, if you've got
operations centers manned in other locations, it
shouldn't be that much of a chore to tie in other