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Craver, Patti

From: Logan, Dennis *mark*
Sent: Monday, March 26, 2012 4:40 PM
To: Imboden, Andy
Subject: RE: PDF of today's webinar

Yes—we initially pointed out to NMFS that Atlantic sturgeon had never been found near Pilgrim. But try to prove something does not exist in an area!

From: Imboden, Andy *mark*
Sent: Monday, March 26, 2012 4:38 PM
To: Logan, Dennis
Subject: RE: PDF of today's webinar

Looking at the survey map, there were only like 2 captures in all of cape cod, both in the winter months. And the estuaries like the Hudson and James Rivers had tons more.

From: Logan, Dennis
Sent: Monday, March 26, 2012 4:14 PM
To: Imboden, Andy
Subject: RE: PDF of today's webinar

Seabrook and Pilgrim intakes are on the coast, and Atlantic sturgeon spawn upriver, almost in freshwater, so they do not spawn very close to the intakes. Indian Point impinges Atlantic sturgeon up to about 1½ or 2 feet long or so, and even at those lengths, they typically stay within the estuaries. But then, these guys wander a lot; most adults overwinter way up in estuaries, but some overwinter in deep water at sea, too. It seems like behavior is not tightly controlled.

As NMFS said today about spawning: Atlantic sturgeon is a "data poor" species, and NMFS has not yet clearly described all the spawning populations. Small populations may exist in rivers around those plants without NMFS knowing.

From: Imboden, Andy
Sent: Monday, March 26, 2012 3:58 PM
To: Logan, Dennis
Subject: RE: PDF of today's webinar

Just wondering where the Maine DPS spawning is in relation to Seabrook, Pilgrim, etc.

From: Logan, Dennis
Sent: Monday, March 26, 2012 3:45 PM
To: Imboden, Andy
Subject: RE: PDF of today's webinar

They just did a summary. Detailed info is in Fishery Council reports etc.

From: Imboden, Andy
Sent: Monday, March 26, 2012 3:25 PM
To: Logan, Dennis
Subject: RE: PDF of today's webinar

Did they say specifically which rivers in the Gulf of Maine DPS have spawning?

B/7

From: Logan, Dennis
Sent: Monday, March 26, 2012 3:02 PM
To: Imboden, Andy
Subject: FW: PDF of today's webinar

From: Kimberly Damon-Randall [<mailto:kimberly.damon-randall@noaa.gov>]
Sent: Monday, March 26, 2012 2:12 PM
To: Logan, Dennis
Subject: Re: PDF of today's webinar

NOAA

Hi. Not sure if you already got this from Mark, but here is the presentation just in case.

On Mon, Mar 26, 2012 at 1:51 PM, Logan, Dennis <Dennis.Logan@nrc.gov> wrote:

Kim,

Could you please send me a PDF of today's webinar on listing of Atlantic Sturgeon?

Thank you very much.

Dennis

Dennis Logan, Ph.D.

Ecologist

U.S. Nuclear Regulatory Commission

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