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Meeting w/ PSNH 12/4/08

DW, BN, JK, Allan Palmer, Bill Smagals, Mark Mattson,
Richard ^{Rick} Simmons, Drew Tracted, Sam Beaver

Mark 40 316(a) assessments, primarily in Northeast.

Bill "stimulate conversation"

"maintain our 316(a) demo.

o invest. priced base load plant.

o set records in generation over past few years.

overview of studies over 4 decades.

* conducted supplemental studies which they plan
to complete this winter

+ ① hydrothermal analysis

② migrating fish

③ 67-65- analysis FAR

inputs.

new studies.

white sucker entrainment survival

* no documentation - for 1967-71

TAC -

EP Odum 1971 -

manmade river much less productive
because water quality has improved
(lower nutrients)

12/4/08

Review how Norm calculated flow
in this hydro thermal report. -

temp taken on a floating structure
6-12" below

Station-4

75-100 yds offshore - verify

- 15' readings on temp -
- max is max of 96 readings

316(b)

Sam Beaver

Enercon

Sole engineering
firm for Entergy

variable speed pumps -

flow reductions limited in summer by
condenser design

plant outages -

fine mesh screens -

Aquifers Intake - designer =

Radio Wells

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Dec 4, 08

Spray header
= 40

3-4" inch golden shiners
used in survival study.

2008

3 types included in 2008

* monitor T @ Station A-0
white sucker & yellow perch
located @ age structure
parasitism

collected @ Garvin & Ameskeag.

fecundity.

white sucker transport model.

Wabash-River study - Ohio:

* [88-90% survival.]

in front of intake ^{and} → @ catwalk

* fishing pressure.