

Boisseau Philippe
Form 3
December 10, 2010

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0104
Expires: January 31, 2005
Estimated average burden hours per response... 0.5

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *

Â Boisseau Philippe
(Last) (First) (Middle)

2. Date of Event Requiring Statement

(Month/Day/Year)
12/08/2010

3. Issuer Name and Ticker or Trading Symbol
AMYRIS, INC. [AMRS]

4. Relationship of Reporting Person(s) to Issuer

5. If Amendment, Date Original Filed(Month/Day/Year)

2 PLACE JEAN MILLIER

(Street)

(Check all applicable)

Director 10% Owner
 Officer Other
(give title below) (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

PARIS LA DEFENSE
CEDEX,Â I0Â 92078

(City) (State) (Zip)

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)

2. Amount of Securities Beneficially Owned (Instr. 4)

3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)

4. Nature of Indirect Beneficial Ownership (Instr. 5)

Common Stock

9,651,004

I

By Total Gas & Power USA, SAS ⁽¹⁾

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)

2. Date Exercisable and Expiration Date (Month/Day/Year)

3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)
Title

4. Conversion or Exercise Price of Derivative Security

5. Ownership Form of Derivative Security: Direct (D)

6. Nature of Indirect Beneficial Ownership (Instr. 5)

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Date Exercisable	Expiration Date	Amount or Number of Shares	or Indirect (I) (Instr. 5)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Boisseau Philippe 2 PLACE JEAN MILLIER PARIS LA DEFENSE CEDEX, 92078	X	X		

Signatures

/s/ Philippe Boisseau by Tamara Tompkins,
Attorney-in-Fact 12/10/2010

__Signature of Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 5(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) Mr. Boisseau, a member of the Issuer's board of directors, is President, Gas & Power Division, Total S.A., the ultimate parent company of Total Gas & Power USA, SAS, and, as such, may be deemed to have voting or investment power over the securities held by Total Gas & Power USA, SAS. Mr. Boisseau disclaims beneficial ownership of the Common Stock, except to the extent of his pecuniary interest therein.

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Remarks:

Exhibit List

Exhibit 24 - Power of Attorney

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.