JPS INDUSTRIES INC Form SC 13G/A February 11, 2005

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

SCHEDULE 13G

(RULE 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT
TO RULES 13d-1(b) (c), AND (d) AND AMENDMENTS THERETO FILED
PURSUANT TO RULE 13d-2(b)

(AMENDMENT NO. 2)*

JPS Industries, Inc.

(Name of Issuer)

Common Stock Par Value, \$.01 per share

(Title of Class of Securities)

46624E405

(CUSIP Number)

December 31, 2004

(Date of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[] Rule 13d-1(b)

[X] Rule 13d-1(c)

[] Rule 13d-1(d)

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* The remainder of this cover page shall be filled out for a reporting person's

initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP NO. 46624E405 13G PAGE 2 OF 5 PAGES

1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON			
	Lloyd I. Miller, III 279-42-7925			
2	CHECK THE APPI	(a) [] (b) []		
3	SEC USE ONLY			
4	CITIZENSHIP OR PLACE OF ORGANIZATION			
	United States			
NUMBER		5	SOLE VOTING POWER	
SHARES BENEFICIA	ALLY BY ING		389,999	
OWNED EACH		6	SHARED VOTING POWER	
REPORT:			828,995	
WITH		7	SOLE DISPOSITIVE POWER	
			389,999	
		8	SHARED DISPOSITIVE POWER	
			828,995	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
	1,218,994			
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*			
	[]			
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
	12.8%			
12	TYPE OF REPORTING PERSON			
	IN-IA-00**			
		*SEE	INSTRUCTIONS BEFORE FILLING OUT!	
** See It	-em 4.			

** See Item 4.

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Item 1(a). Name of Issuer:

Item 1(b). Address of Issuers's Principal Executive Offices:

555 North Ple Greenville, S

JPS Industrie

- Item 2(a). Name of Person Filing:

 Lloyd I. Mill

 Item 2(b). Address of Principal Business Office or, if None, Residence:

 4550 Gordon D

 34102
- Item 2(d). Title of Class of Securities: Common Stock,
 Item 2(e). CUSIP Number: 46624E405
- Item 3. IF THIS STATEMENT IS FILED PURSUANT TO RULE 13d-1(b) OR 13d-2(b) or (c), CHECK WHETHER THE PERSON FILING IS A:

Not Applicable, this statement is filed pursuant to 13d-1(c)

- Item 4. OWNERSHIP: The reporting person has shared dispositive and voting power with respect to 828,995 shares of the reported securities as an investment advisor to the trustee of certain family trusts. The reporting person has sole dispositive and voting power with respect to 828,995 of the reported securities as (i) the manager of a limited liability company that is the general partner of certain limited partnerships and (ii) an individual.
 - (a) 1,218,994
 - (b) 12.8%

Citizenship:

Item 2(c).

- (c) (i) sole voting power: 389,999
 - (ii) shared voting power: 828,995
 - (iii) sole dispositive power: 389,999
 - (iv) shared dispositive power: 828,995
- Item 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS:

 Not Applicable.
- Item 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON:

Persons other than Lloyd I. Miller III, have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the reported securities.

Item 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY:

Not Applicable.

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- Item 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP:

 Not Applicable.
- Item 9. NOTICE OF DISSOLUTION OF GROUP:

 Not Applicable.

U.S.A.

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Item 10. CERTIFICATION:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 11, 2005 /s/ Lloyd I. Miller, III

Lloyd I. Miller, III