

L-MT-12-056

**ENCLOSURE 11**

**WESTINGHOUSE REPORT, WCAP-17252-NP, REVISION 2  
ACOUSTIC LOADS DEFINITION FOR  
THE MONTICELLO STEAM DRYER REPLACEMENT PROJECT**

**25 pages follow**

Westinghouse Non-Proprietary Class 3

WCAP-17252-NP  
Revision 2

May 2012

# **Acoustic Loads Definition for the Monticello Steam Dryer Replacement Project**



**Westinghouse**

**WCAP-17252-NP**  
**Revision 2**

## **Acoustic Loads Definition for the Monticello Steam Dryer Replacement Project**

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**May 2012**

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\*Electronically approved records are authenticated in the electronic document management system.

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**ACRONYMS**

3-D	three-dimensional
[	]
CLTP	current licensed thermal power
EPU	extended power uprate
FEM	finite element model
MSL	main steam line
PSD	power spectral density
RMS	root mean square
SNR	signal-to-noise ratio
SRV	safety relief valve

## 1 EXECUTIVE SUMMARY

[

] <sup>a</sup>

[

] <sup>a</sup>

[

] <sup>a,c</sup> In conclusion, based on a detailed pressure load definition obtained using [   
] <sup>a</sup> it was determined that [   
] <sup>a,b,c</sup>

[

] <sup>a</sup>



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2 [ ]<sup>a</sup>

## 2.1 INTRODUCTION

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] <sup>a, b, c</sup>

2.2 [ ]<sup>a</sup>

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Figure 2-1 [

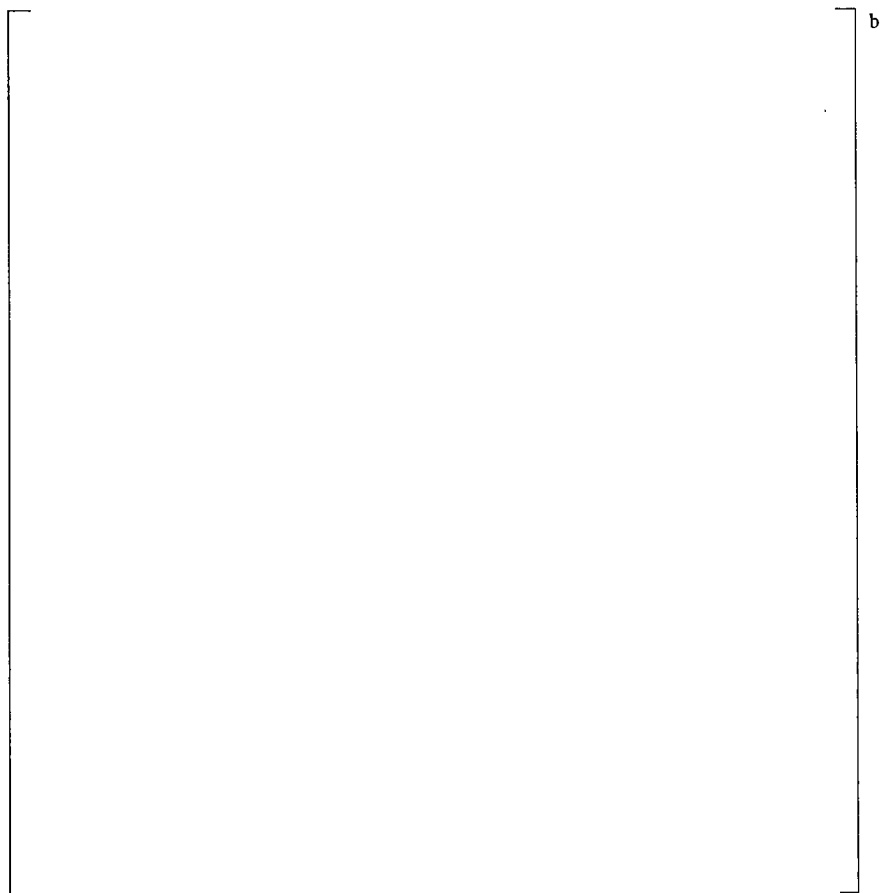
b

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] <sup>b</sup>

[

] <sup>a, c</sup>

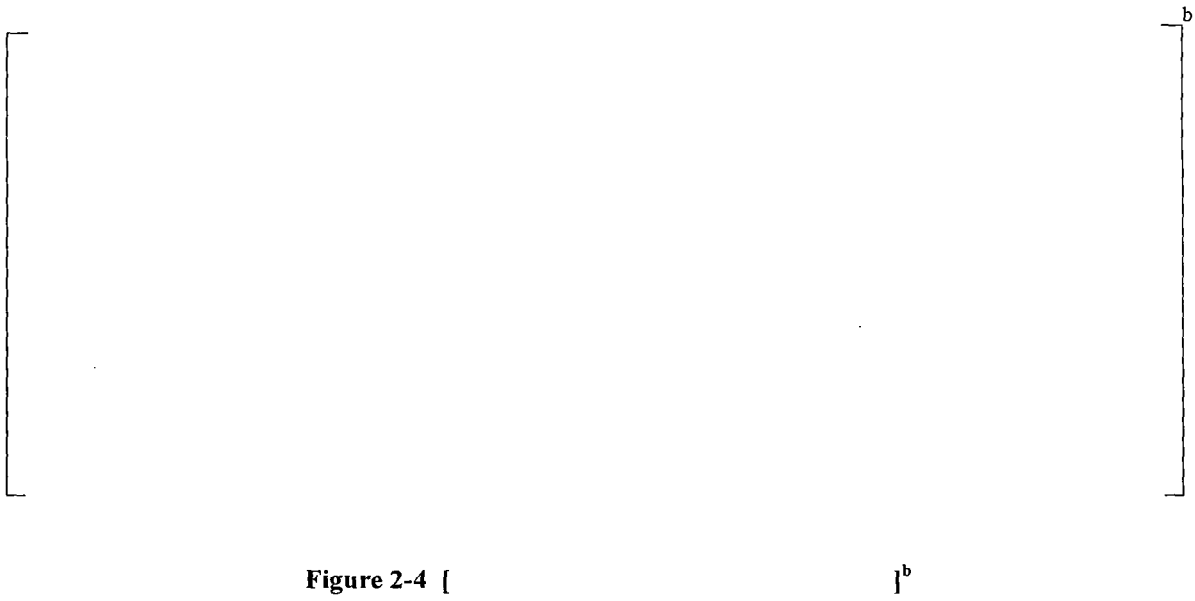
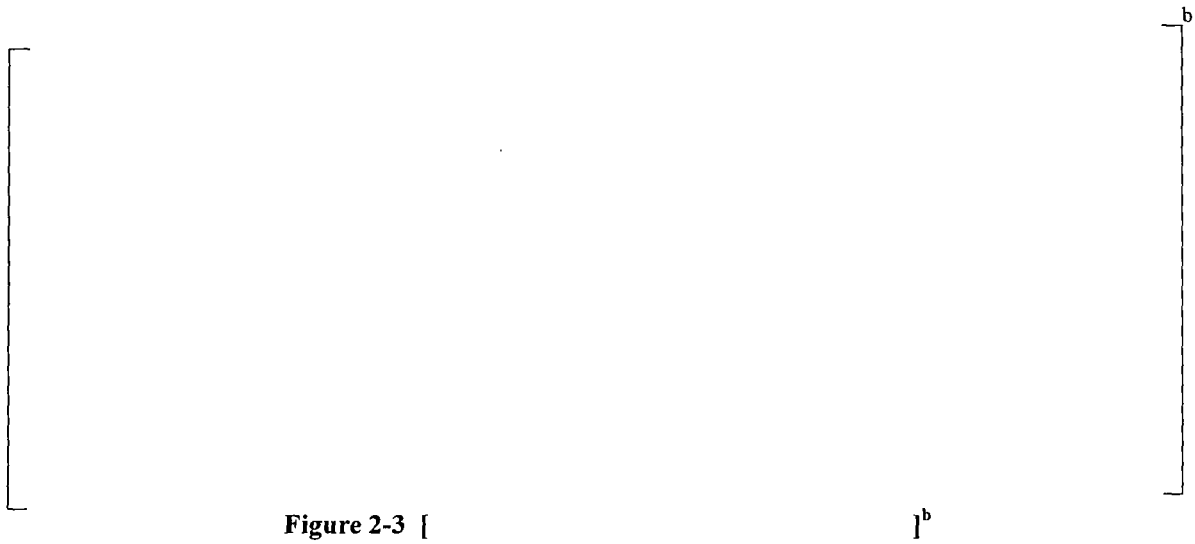


**Figure 2-2** [

]<sup>b</sup>

[

]<sup>a, b</sup>



2.3

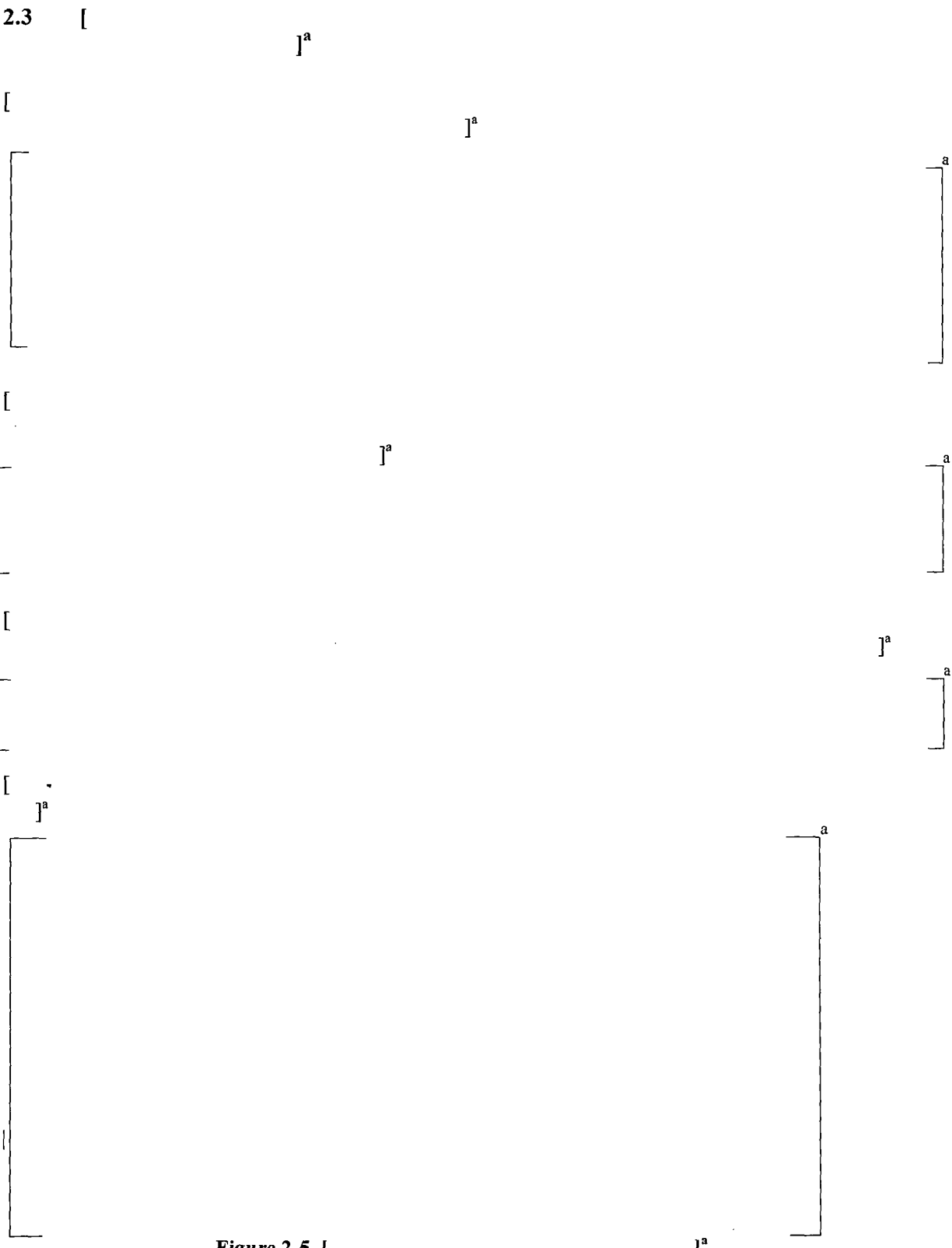


Figure 2-5

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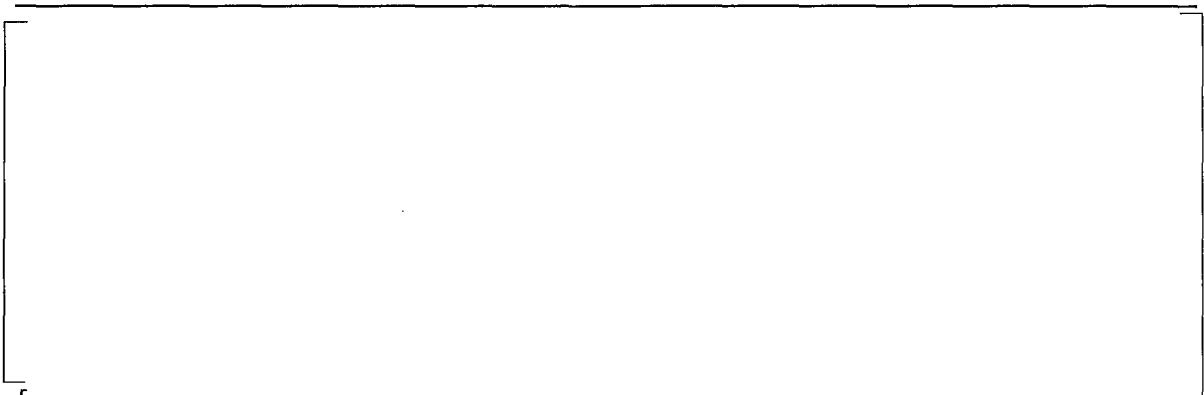
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**Figure 2-6** [

] <sup>a, b</sup>

[

] <sup>a, b</sup>

[

] <sup>a, c</sup>

3 [

]<sup>a</sup>

### 3.1 INTRODUCTION

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]<sup>a</sup>

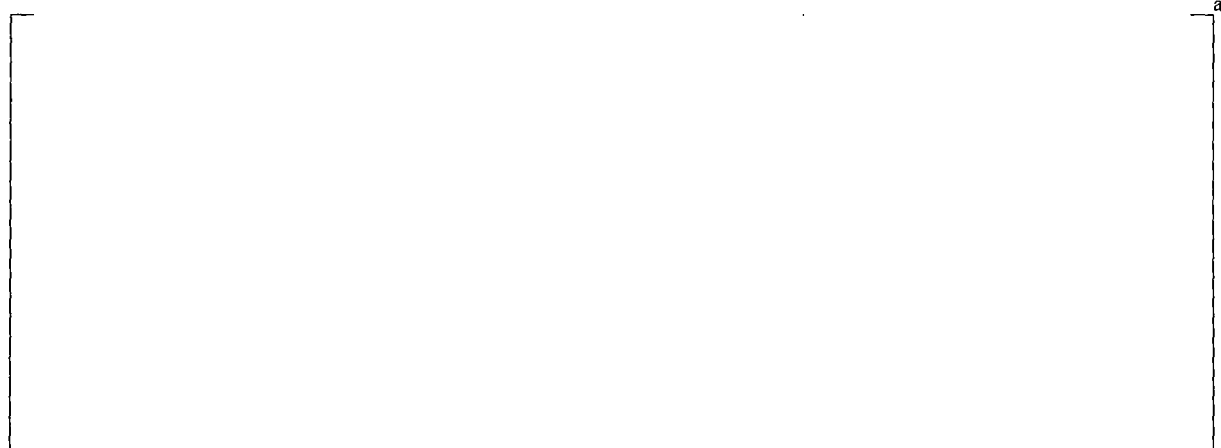


Figure 3-1 [

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[

] <sup>a</sup>

3.2 [ ] <sup>a</sup>

[

] <sup>a</sup>

Table 3-1 [ ] <sup>a, b, c</sup>		] <sup>a, b, c</sup>

3.3 [ ] <sup>a</sup>

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] <sup>a</sup>

Table 3-2	[ ] <sup>a, b, c</sup>	

a, b, c

Table 3-3	[ ] <sup>a, b, c</sup>	

a, b, c

Table 3-4	[ ] <sup>a, b, c</sup>	

a, b, c

4 [ ]<sup>a</sup>

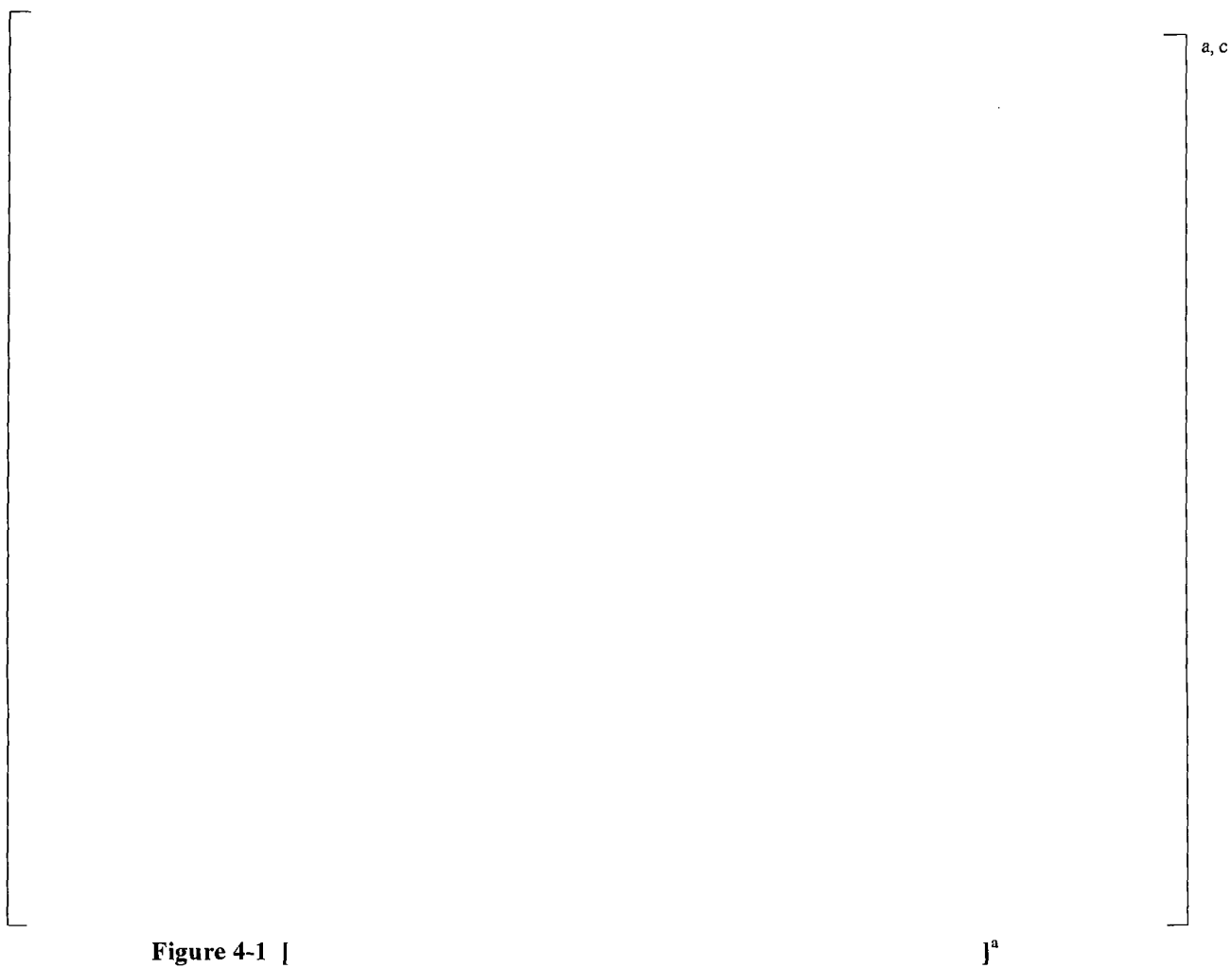
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] <sup>a</sup>

Table 4-1 [ ] <sup>a, b, c</sup>			] <sup>a, b, c</sup>

[ ]

] <sup>a</sup>





**Figure 4-2** |

|<sup>a</sup>



**Figure 4-3 [**

**]'<sup>a</sup>**





**Figure 4-4 [**

**]<sup>a</sup>**

## 5 REFERENCES

1. [ ]<sup>a, b, c</sup>
2. [ ]<sup>a, b, c</sup>
3. [ ]<sup>a, b, c</sup>