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**From:** Cate Cooney <Cate.Cooney@Exova.com>  
**Sent:** 05 August 2016 17:04  
**To:** Janice Wray  
**Subject:** RE: Adair Tower - approval from LFB engineer

Hi Janice,

That's a nice way to finish the week! It is good news, however I note that Rebecca doesn't say that the Enforcement Notices will be removed. I would request clarity on this.

In relation to the requirement for modelling, we could carry out a CFD study based on the decreased level of ventilation, but what would this be compared to? If they are comparing it to modern standards? This is overly conservative, and it could only be expected that any modelling on this basis would not be as favourable as current guidance. The alternative is to compare it to tenable conditions for human survival (pure fire engineering study), however as the current guidance can also be shown to be lacking in this respect, I would very much doubt the outcome would assist your corner. Any study into the conditions in the lobby and stair would need very specific parameters to be agreed with the fire service. My largest reservation for you is however, if that the outcomes of the study prove not to be acceptable – then this puts KCTMO in a situation where additional physical work may be required to satisfy the fire service. This is up to you. We can have a look into this if you require.

I consider that the provision of fire precautions given by the works to be carried out in the building will leave the building with a 'as low as reasonably practicable' assessment in terms of life safety as required by the RRO. It goes without saying though that where any refurbishments are to be undertaken, any new elements should be to the current standard, so that the system is upgraded over time.

Please let me know if you need anything else

Kind regards

Cate

**Cate Cooney**  
*Principal Consultant, Fire Engineering (Europe)*  
Exova Warringtonfire



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**From:** Janice Wray [mailto:jwray@kctmo.org.uk]  
**Sent:** 05 August 2016 15:03  
**To:** Cate Cooney  
**Subject:** FW: Adair Tower - approval from LFB engineer  
**Importance:** High

Hi Cate

Please see below. The LFB engineer has finally - and it seems with some reservations - approved your proposals and agreed that the works can proceed. Could you please let me have your response to the comments below so that I can keep these on file.

Look forward to your (final) response and thanks for all your help

Regards

Janice

**Janice Wray**  
TMO Health, Safety & Facilities Manager  
t: [REDACTED]



w: [www.kctmo.org.uk](http://www.kctmo.org.uk)  
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**From:** [REBECCA.BURTON@london-fire.gov.uk](mailto:REBECCA.BURTON@london-fire.gov.uk) [mailto:REBECCA.BURTON@london-fire.gov.uk]  
**Sent:** 05 August 2016 14:21  
**To:** Janice Wray <jwray@kctmo.org.uk>  
**Subject:** Adair Tower

Afternoon Janice,

I have now received confirmation from our Fire Engineer that he is happy with the proposals for Adair Tower and for the works to be completed as detailed.

It is still recognised that the remaining ventilation to the lobby will be below that what is normally expected and our engineer would have preferred for some smoke modelling to have been carried out by your engineer to ensure that the remaining ventilation will be adequate. However, as you are now in effect providing a second protected staircase by enclosing the accommodation staircase, it is presumed at least one will remain passable in the event of a fire. Without the fire modelling, this cannot be guaranteed and you may wish to investigate that further with your engineer and fire risk assessor.

In addition I can confirm that following my meeting with our Enforcement Team, our investigation into the fire will to remain ongoing at this time. This is to allow us to collate further information in order to make informed decisions.

A formal letter will be sent by the investigating officer to notify you of the ongoing investigation. This letter will be sent to the company secretary, but I have asked that you and Barbara also be sent copies.

I am going on leave for a week and can discuss on my return if needed.

Kind Regards

Rebecca Burton BSc  
Fire Safety Team Leader  
Hammersmith Fulham Kensington Chelsea

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